

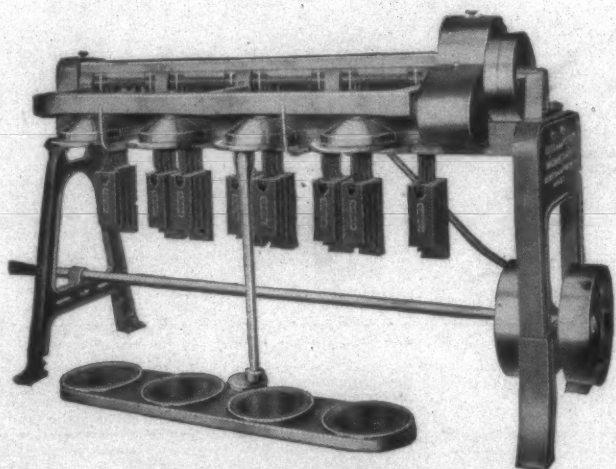
# SOUTHERN TEXTILE BULLETIN

VOLUME XVII.

CHARLOTTE, N. C., THURSDAY, APRIL 10, 1919

NUMBER 6

## SACO-LOWELL SHOPS



STANDARD DRAWING FRAME

### TEXTILE MACHINERY

#### Complete Waste Reworking Plants

ROGERS W. DAVIS, Southern Agent  
CHARLOTTE, N. C.

## VICTOR MILL STARCH — The Weaver's Friend



THE HOME OF VICTOR MILL STARCH

May Cost a Little More  
**BUT—**

good running work means satisfied help. If you have never used Victor try a car and be convinced.

We can ship promptly.

## THE KEEVER STARCH COMPANY

COLUMBUS, OHIO

SOUTHERN AGENT.

JAS. H. MAXWELL, GREENVILLE, S. C.

Traveling Representative

J. J. ILER, Greenville, S. C.



## Fast Colors For Cotton Now Produced in America

Indigo N. A. C. 20% Paste	Diazine Black H. Ex.
Alizarine N. A. C. 20% Paste	Sulphur Blacks
Carbanthrene Olive G.	Sulphur Brown 2 G.
Sulphur Blue S. A. P.	Sulphur Brown 4 G.
Sulphur Yellow B. W.	Sulphur Brown T. D.
Primuline N. A. C.	Sulphur Brown C. G.
Developed Blues, Blacks, Reds	Sulphur Blue L.

Bring us your dyestuff problems. Our technical department and the well equipped laboratories at our different branches are maintained for the service of our customers. Our advice involves no obligation on your part.

### National Aniline & Chemical Co.

(INCORPORATED)

Main Sales Office: 21 Burling Slip, New York

Southern Office and Warehouse  
236 West First Street, Charlotte, N. C.

## LEATHER TOP ROLLS

AT A TIME when the Government is asking for economy in leather, and old shoes are being gathered up for their leather, cotton mills are allowing oil to ruin thousands of dollars of fine skins on leather top rolls. DUREX TOP ROLL VARNISH would protect them.

TOP ROLL VARNISH COMPANY

Box 31

CROMPTON, R. I.

## Clark's Directory of Southern Textile Mills

Complete and accurate information relative to  
Southern Textile Mills

Pocket Size—Price \$1.50 Clark Pub. Co., Charlotte, N. C.

## Manufacturers Should Look Up the Advantages of Metallic Drawing Roll

Over the leather system before placing orders for new machinery, or if contemplating an increase in production, have them applied to their old machinery. It is applied successfully to the following carding room machinery:

Railways	Detaching Rolls for Combers
Sliver Lap Machines	Drawing Frames
Ribbon Lap Machines	Slubbers
Comber Draw Boxes	Intermediate Frames

25 TO 33 PER CENT. MORE PRODUCTION  
GUARANTEED

For Prices and Circular Write to  
**The Metallic Drawing Roll Company**  
INDIAN ORCHARD, MASS.

## St. Onge Adjustable Grid Bar

Removes 25% more dirt without loss of stock  
Plain bars or pin bars furnished

**BROWN-ST. ONGE COMPANY**

Providence, R. I. A. ST. ONGE, President Charlotte, N. C.

## Dyestuffs for Olive Drab Army Cloth COTTON OR WOOL

Made in America by

**Consolidated Color and Chemical Co.,**  
NEWARK, N. J.

Meets Government Requirements for U. S. A.

**H. A. METZ & COMPANY, Inc.**  
Selling Agents

122 Hudson Street New York City

## JOSEPH SYKES BROTHERS, HUDDERSFIELD, ENGLAND Card Clothing Manufacturers

Hardened and Tempered Steel Wire Plow  
Ground Card Clothing

Revolving Top Flats re-clothed. Licker-ins re-wound. Burlisher and Stripper Fillets. Dronsfield's Grinder Rolls. Emery Fillets. All regular sizes of Card Clothing always in stock and shipped same day order is received.

**RICHARD D. THOMAS, Southern Agent**

REPAIR SHOPS AND STOCK ROOMS

Tompkins Building

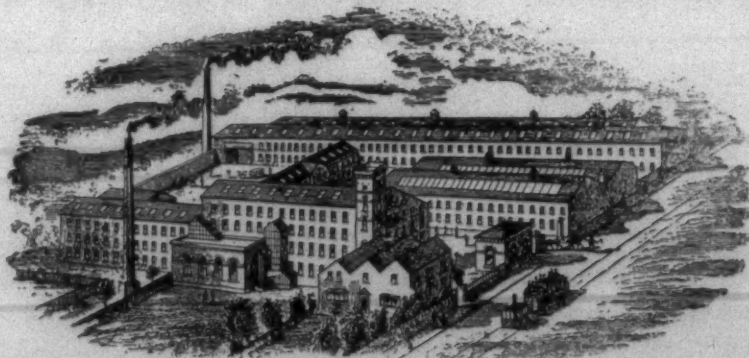
P. O. Box 88

CHARLOTTE, N. C.

4 1/2 Peters Street

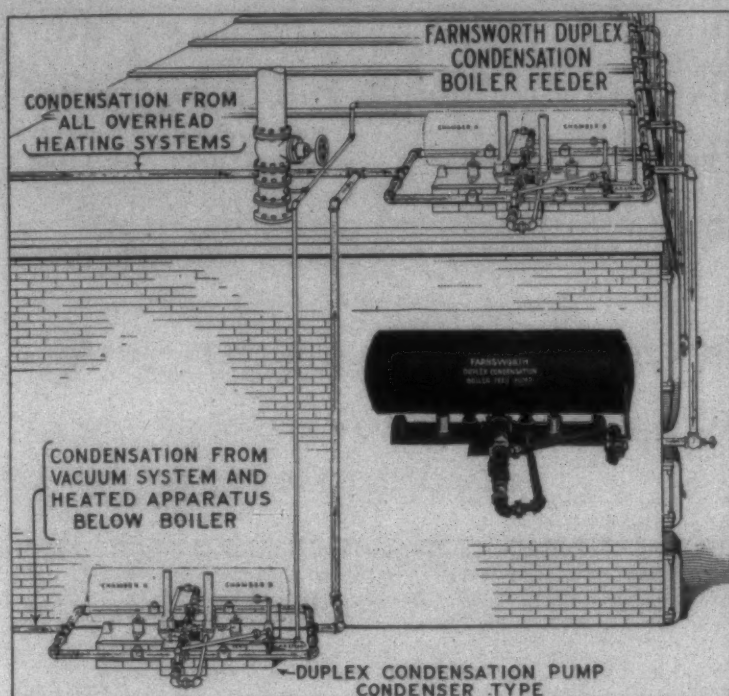
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ATLANTA, GA.





# MANY FARNSWORTH MACHINES BOOSTING TEXTILE PRODUCTION



Large mills in all sections of this country, Canada and abroad are saving coal and heat units because they are

*"FARNSWORTH Equipped"*

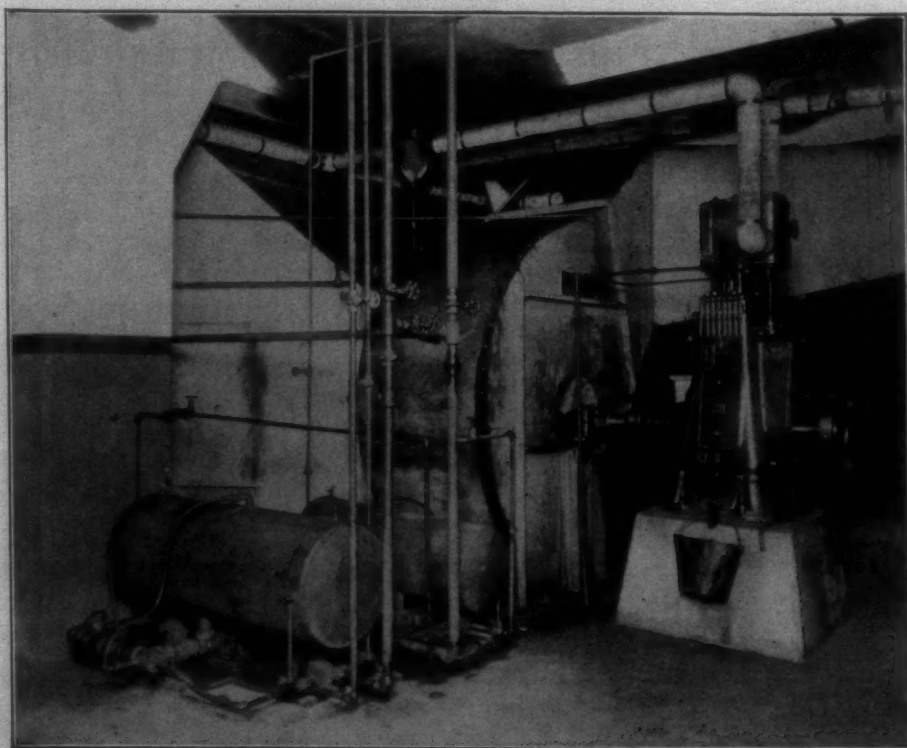
One big mill in Norristown, Pa., installed the Farnsworth Closed System—visit any of the mills in Norristown today, or steam plants in other big cities and you will find good news travels fast for these mills are NOT WASTING but

## Saving Tons of Coal

by using the Farnsworth Closed System—and if not, are planning to install the Farnsworth Boiler Feed Pump.

## "The Greatest Coal Saver Offered the Steam Plant"

The gilt-edge endorsements of "Farnsworth equipped" plant owners are conclusive proof that our claims are true. Farnsworth Closed Systems are saving hundreds of steam plants from 1 TO 10 TONS of coal per day. At the Empire Oil Works, Oil City, Pa., one of the big, progressive Pennsylvania refineries, shut down one of four 200 H. P. boilers after installing the FARNSWORTH SYSTEM.



The Farnsworth System is not an experiment for your plant—it is tried and proven—sold with a guarantee of service and satisfaction. Here are shown two of the smallest of 12 machines in one plant, draining paper machines, heating systems, fan coil heaters, steam apparatus, etc., and pumping it all under a pressure at high temperature.

Farnsworth Closed Systems Will Save You Money and Give You Service and Real Satisfaction

*Write For Descriptive Literature.*

## FARNSWORTH COMPANY

Engineers and Manufacturers of Condensation Pumps, 220 Washington Street, CONSHOHOCKEN, Penna.

CANADIAN FAIRBANKS MORSE CO.  
Sole Manufacturers and Distributors for Canada.

FAIRBANKS MORSE COMPANY, INC.  
Sole Agents and Distributors, Pacific Coast.



# Regulating the Humidity



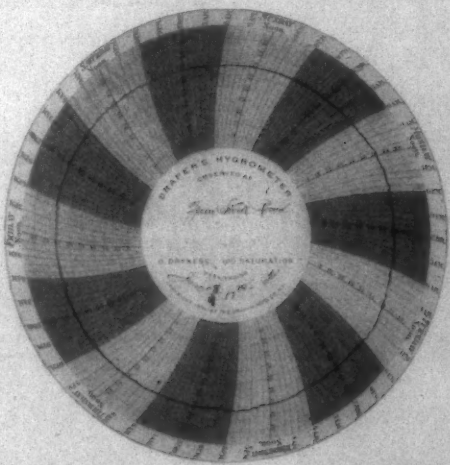
Parks-Cramer Automatic Temperature and Humidity Regulator

THE READINGS BELOW were taken at six different points in one room of a mill using Parks-Cramer Humidifiers—and equipped with Parks-Cramer regulators.

Readings taken by sling pycrometer—just as things were. No “get-ready.”

Station	Dry Bulb	Wet Bulb	Difference	Relative Humidity	Cotton Regain
1	76	70	6	74	10%
2	76	70	6	74	10
3	75	69	6	74	10
4	76	69	7	70	9½
5	76	70	6	74	10
6	76	70	6	74	10

This performance was duplicated throughout the mill, these being readings from one room only—one reading only.



Showing How the Regulator Maintains Uniform Conditions Day After Day

At the left is a chart showing how these uniform conditions were maintained in the same room for one week.

Similar conditions for you might mean as much by way of profit as they did in this case.

## Parks-Cramer Company

Fitchburg—Boston—Charlotte



# Douglas Textile Starches

**A special grade Starch  
for every specification**

**S**UPREME in quality. **MAXIMUM** in results.

Douglas Textile Starches are the recognized standard for all sizing purposes.

Douglas Starches are chemically pure. No gelatinized particles, crustings or foreign substance. They possess unusual strength and run absolutely uniform.

Maximum efficiency cannot be obtained without the starch suited to your requirements. Douglas offers you a special made-to-order service.

If among the Douglas standard grades there is none that fills your needs, our starch experts are placed at your disposal. They will confer with you in working out a formula that meets your exact needs.

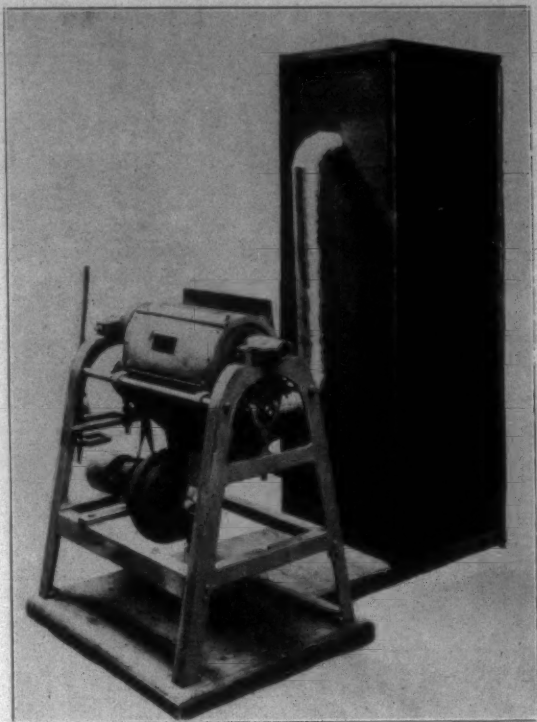
Write us today for our price list and full particulars. Or better still, set a day for one of our experts to call on you to discuss any special requirements you may have.

## **DOUGLAS COMPANY**

MANUFACTURERS OF CORN PRODUCTS  
CEDAR RAPIDS, IOWA, U. S. A.

SOUTHERN OFFICE—Ira L. Griffin, Mgr.—409-411 Masonic Temple—GREENVILLE, S. C.





## Monarch Bobbin Cleaner

A machine to clean Roving Bobbins from Spinning Frames.

A practical machine for both large and small mills.

### Advantages Claimed:

- 1 Saving of Spinner's time.
- 2 Saving of Bobbins.
- 3 Less waste created and less fibre destroyed.
- 4 Increase in production.
- 5 Elimination of accidents that occur by use of the knife.
- 6 Spinner is relieved of an unpleasant, disagreeable and unproductive job.

The Monarch Bobbin Cleaner will be displayed at the Southern Textile Exposition, spaces 347 and 348 Main Auditorium Floor. We invite your inspection.

Manufactured by

**Monarch Bobbin Cleaner Co.**

UNION, S. C.

SOUTHERN AGENTS

Milton G. Smith

A. B. Carter

GREENVILLE, S. C.



## The Red Bands of Howell Are Your Surety of Motor Performance

Every time you see a Howell Motor you will see the red bands on the ends of the housing—they are the visible evidence of our determination to keep faith with Howell users in every corner of the world—they are your surety of motor performance.

This will serve as your guarantee—your assurance that you will always get from your Howell just the kind of dependable service you would expect from a sturdy, correctly designed, time-tried, long-lived electric motor.

Sizes One to One Hundred Horse Power  
Write or Wire Your Requirements

**Howell Electric Motors Company**

GENERAL OFFICES AND FACTORY  
**HOWELL, MICHIGAN, U. S. A.**

J. R. PURSER, Southern Representative, Charlotte, N. C.

**HOWELL RED BAND ELECTRIC MOTORS**



# SOUTHERN TEXTILE BULLETIN

PUBLISHED EVERY THURSDAY BY CLARK PUBLISHING COMPANY, 39-41 S. CHURCH ST., CHARLOTTE, N. C. SUBSCRIPTION \$1.50 PER YEAR IN ADVANCE. ENTERED AS SECOND CLASS MAIL MATTER MARCH 2 1911, AT POSTOFFICE, CHARLOTTE, N. C., UNDER ACT OF CONGRESS, MAR. 3, 1879

VOLUME XVII.

CHARLOTTE, N. C., THURSDAY, APRIL 10, 1919

NUMBER 6

## Conditions in Europe as Seen by an Expert

"Everybody thinks there is going to be a good European export business for America," said B. F. Larrabee, Jr., in discussing the export situation, "and there will be a good business if we are willing to finance those countries as well as sell them merchandise. And by financing them I mean that you and I must take City of Paris bonds, City of Milan bonds, and securities of other municipalities, as well as their industrial and railroad securities. In no other way will they be able to buy from us, or the trade will go to other countries who are willing to buy their securities."

Mr. Larrabee, who is one of the vice presidents of Chas. Chipman Sons Company, Inc., has just returned from a trip to Europe, where he sought information on the hostery situation for his firm. He visited England, France and Italy, and brought back with him a carefully drawn picture of conditions on the other side as the business man sees them.

"The war," said Mr. Larrabee, "has brought a tremendous change in every department of Great Britain's national life and has unsettled its very foundations."

"A great external peril has been avoided and defeated, but it remains to be seen if a sufficient and proper power can be mobilized to turn aside the enemy from within. The impression seems to have seized the laboring class that the only way to cope with unemployment is to reduce the hours of actual work, thus at once automatically reducing production and manpower. Problems such as are now disturbing English labor can only be cured by applying the most sacred of all economic laws, and that is to increase the production of each unit of labor."

"Women have entered all branches of work to a far greater degree than in America, and once they have felt the satisfaction of independence they will become most impatient when forced to return to the old life."

"The present government is fully alive to these dangers and is taking decisive steps to meet the many problems as they appear. Every new scale of wages established here immediately forces the price of the particular commodity concerned another notch higher, and thus the process continues."

"Railroad fares were advanced at a single stroke 50 per cent, thus neutralizing, to a large degree, wage

advances to meet the higher cost of living."

"The English per capita national debt is enormous, and is still rising rapidly. Accordingly, taxes must be increased, and it is hard to see any new sources of taxation not already strained to the breaking point. A general characteristic much to be admired in the English is the non-complaining attitude toward all discomfort and self-sacrifice. This is a sterling trait, but it may be carried to such a degree as to become a serious deterrent to progress."

"A very decided export campaign has already been started, and bills have been passed authorizing the board of trade to license trade with some of her former enemies, even before the peace conference has finished its work. This is most important, and if America has not taken similar action then the activities of our war trade board should be considered at once, or otherwise we may find ourselves out-distanced."

The censorship of mail and cables is undoubtedly a necessary government function, but it is causing much inconvenience, therefore as soon as the dangers of free exchange of correspondence disappears I suppose this regulation will be withdrawn. France and Italy appear to have largely, if not entirely, discontinued mail censorship."

"British restriction of import trade may appear unjust and in fact at times discriminatory, but among the best informed business men the opinion prevails that these regulations are imposed for the best good of all concerned, and that by cheerfully accepting them normal conditions will be more rapidly restored."

### Conditions in France.

"France is rich in natural resources, but the country is staggering under the terrific slaughter of her best manhood and the destruction of her best districts, but she will profit to a great extent by the recovery of a territory with incalculable wealth of natural riches. At present her transportation systems are sadly demoralized and out of condition. Train service is reduced and travel is heavy, so the result is congestion beyond description. There are few sleeping cars in operation and they bring prices out of all reason, but, even so, they are booked thirty days in advance. This, however, is simple and will be corrected."

"Her economic condition appears

sound, but, as may be expected at present, it is nervous. Her exchange is nervous and subject to violent fluctuations, but this is to be expected."

"A far reaching control is said to be in operation throughout the country, affecting food and other prices, but it is less manifest than in England, where very reasonable prices prevail in general. In France it would seem to a visitor that prices were beyond all control. The most ordinary article in daily use is up to several times its normal price, but retail trade in spite of this is good. The stores are packed morning to night. Plenty of money seems to be in circulation. Theaters, restaurants, etc., are operating at full capacity and at scandalous prices, which seem to be gladly paid."

"Taxicabs in both England and France, formerly so cheap and plentiful, are never to be had when wanted. Railroad stations are usually without one vacant cab and one has to wait at times hours before luggage can be taken away. The rates indicated on the meters mean nothing whatever at times. I had to agree to pay ten francs in order to induce a driver to take me to Gare de Lyon in Paris, but on arrival the meter registered only two francs."

"At present imports are strictly under Government license. This may change soon, but in the meantime nothing can be done."

"Unemployment does not appear as serious as is the case in England. Demobilization is not proceeding as rapidly as in other Allied countries, and the very nature of the French seems to be not to worry."

"Metal currency is very scarce and is replaced by a flood of fractional paper money to a value as low as fifty centimes (10 cents). Much of this small paper money is issued by local authorities and is only good within the jurisdiction of the issuing body. It hardly seems possible that all of this paper could be properly secured, and if it is put into circulation without very rigid supervision this may account in part for the unreasonable prices prevailing for everything in France. An unwise issuing of paper money not in proportion to the increase in wealth of a nation causes inflation and the purchasing power of such money depreciates."

### Conditions in Italy.

"Italy shows the effects of the war more plainly than either France

or England. The national wealth of this country was never great and it was largely controlled by German and Austrian brains. The war deprived her of German business and banking aid, and gross inefficiency appeared until it is reported that over 50 per cent of her entire national resources are gone for war expenses."

"Italian business men told me that on November 11 the entire available capacity of Italy was busily engaged on various Government war contracts and as elsewhere labor was fully engaged and at a good return. Immediately the armistice was signed and within 72 hours every factory was closed and every worker possible was forthwith dismissed. The attendant dislocation of labor and industry was unequalled in any of the Allied countries."

"When I was in Genoa, Milan and Rome late in January credits were demoralized. The lire, normally equivalent in value to the franc, was still sadly depressed and business in general was in a most nervous state. Unemployment was most serious, and while I saw no disorder I did see great crowds gather about in public places everywhere. I asked a gentleman in Milan what was going on when I saw a vast throng in the street, directly in front of the Milan Cathedral, and he said they were all people out of work. They were orderly, however."

"Transportation here is at its worst. Few day passenger trains are run between principal cities like Milan, Rome, Genoa, etc., the lines being kept free during the day for troop transportation and movement of supplies and ordinary freight. The result is impossible to describe. The night trains are loaded to full seating capacity long before starting time, and when the train finally leaves it is so jammed with standing passengers as to make a trip from one car to another out of the question. There is not the slightest attention paid to eating arrangements, and it is quite ordinary to ride all night and until 12 or 1 the next noon without a drop to drink or a bite to eat, unless by experience you have learned to carry some bread about with you as a precaution."

"Conditions in Italy were so hopelessly confused as to make observations almost impossible. I met merchants in the hotel there who had gone down for an extended tour of

(Continued on Page 18.)



# Official Cotton Standards of the United States

In a bulletin issued recently David F. Houston gave public notice establishing official standards for American Egyptian cotton, Sea Island cotton and length of staple. Notice of the official cotton standards, etc., were as follows:

## American Egyptian Cotton.

Section 1. Grade 1.—Grade 1 shall be American Egyptian cotton which in grade is within the range represented by a set of samples in the custody of the United States Department of Agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States American Egyptian Grade 1."

Sec. 2. Grade 2.—Grade 2 shall be American Egyptian cotton which in grade is within the range represented by a set of samples in the custody of the United States Department of Agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States Egyptian Grade 2."

Sec. 3. Grade 3.—Grade 3 shall be American Egyptian cotton which in grade is within the range represented by a set of samples in the custody of the United States Department of Agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States American Egyptian Grade 3."

Sec. 4. Grade 4.—Grade 4 shall be American Egyptian cotton which in grade is within the range represented by a set of samples in the custody of the United States Department of Agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States American Egyptian Grade 4."

Sec. 5. Grade 5.—Grade 5 shall be American Egyptian cotton which in grade is within the range represented by a set of samples in the custody of the United States Department of Agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States American Egyptian Grade 5."

Sec. 6.—Intermediate grades. American Egyptian cotton which in grade is between any two adjoining grades of those described in sections 1 to 5, inclusive, of this order shall be designated by the word "Grade" and the grade number of the higher of such two grades followed by the fraction "1/2."

Sec. 7.—Below Grade 5. American Egyptian cotton which in grade is inferior to Grade 5, shall be designated "Below Grade 5."

Sec. 8.—Extraneous matter. American Egyptian cotton containing cracked seeds, seed kernels, sand, or other extraneous matter shall be graded as if it contained an equivalent of leaf and trash as represented in the respective grades described in sections 1 to 7, inclusive, of this order.

Sec. 9.—Repacked. American Egyptian cotton that is composed of factors', brokers', or other samples, or of loose or miscellaneous lots, collected and rebaled, shall, in addition to its grade, be designated

"Repacked."

Sec. 10.—False Packed. American Egyptian cotton in a bale (1) containing substances entirely foreign to cotton, (2) containing damaged cotton in the interior, with or without any indication of such damage upon the exterior, (3) composed of good cotton upon the exterior and exceedingly inferior cotton in the interior in such manner as not to be detected by customary examination, that is, a plated bale, or (4) containing pickings or linters worked into the bale, shall, in addition to its grade, be designated "False Packed."

Sec. 11.—Mixed Packed. American Egyptian cotton in a bale which shows a difference of more than two grades between samples drawn from the heads and the top and bottom sides of the bale, or which shows a difference in color between such samples, exceeding two grades, shall, in addition to its lowest grade, be designated "Mixed Packed."

Sec. 12.—Water Packed. American Egyptian cotton in a bale that

has been penetrated by water during the baling process, causing damage to the fibers, or a bale that through exposure to the weather, or by other means, while apparently dry on the exterior, has been damaged by water in the interior, shall, in addition to its grade, be designated "Water Packed."

## Sea Island Cotton.

For the purposes of these standards:

Section 1. Grade 1.—Grade 1 shall be Sea Island cotton which in grade is within the range represented by a set of samples in the custody of the United States department of agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States Sea Island Grade 1."

Sec. 2. Grade 2.—Grade 2 shall be Sea Island cotton which in grade is within the range represented by a set of samples in the custody of the United States department of agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States Sea Island Grade 2."

ed States Sea Island Grade 2."

Sec. 3. Grade 3.—Grade 3 shall be Sea Island cotton which in grade is within the range represented by a set of samples in the custody of the United States department of agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States Sea Island Grade 3."

Sec. 4. Grade 4.—Grade 4 shall be Sea Island cotton which in grade is within the range represented by a set of samples in the custody of the United States department of agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States Sea Island Grade 4."

Sec. 5. Grade 5.—Grade 5 shall be Sea Island cotton which in grade is within the range represented by a set of samples in the custody of the United States department of agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States Sea Island Grade 5."

Sec. 6. Grade 6.—Grade 6 shall be Sea Island cotton which in grade is within the range represented by a set of samples in the custody of the United States department of agriculture in the District of Columbia in a container marked "Original Official Cotton Standards of the United States Sea Island Grade 6."

Sec. 7. Intermediate grades. Sea Island cotton which in grade is between any two adjoining grades of those described in sections 1 to 6, inclusive, of this order shall be designated by the word "Grade" and the grade number of the higher of such two grades followed by the fraction "1/2."

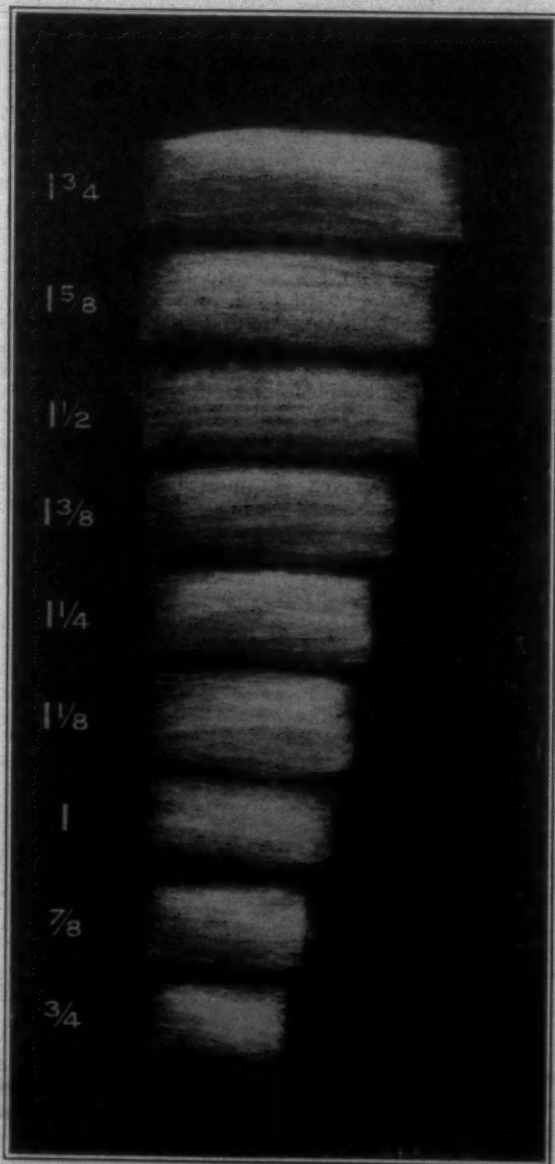
Sec. 8.—Below Grade 6. Sea Island cotton which in grade is inferior to Grade 6 shall be designated "Below Grade 6."

Sec. 9.—Extraneous matter. Sea Island cotton containing cracked seeds, seed kernels, sand, or other extraneous matter shall be graded as if it contained an equivalent of leaf and trash as represented in the respective grades described in sections 1 to 8, inclusive, of this order.

Sec. 10.—False packed. Sea Island cotton in a bale (1) containing substances entirely foreign to cotton, (2) containing damaged cotton in the interior, with or without any indication of such damage upon the exterior, (3) composed of good cotton upon the exterior and exceedingly inferior cotton in the interior in such manner as not to be detected by customary examination, that is, a plated bale, or (4) containing pickings or linters worked into the bale, shall, in addition to its grade, be designated "False Packed."

Sec. 12.—Mixed Packed. Sea Island cotton in a bale which shows a difference of more than two grades between samples drawn from the heads and the top and bottom sides of the bale, or which shows a difference in color between such samples, exceeding two grades, shall, in addition to its lowest grade, be designated "Mixed Packed."

Sec. 13.—Water Packed. Sea Is-

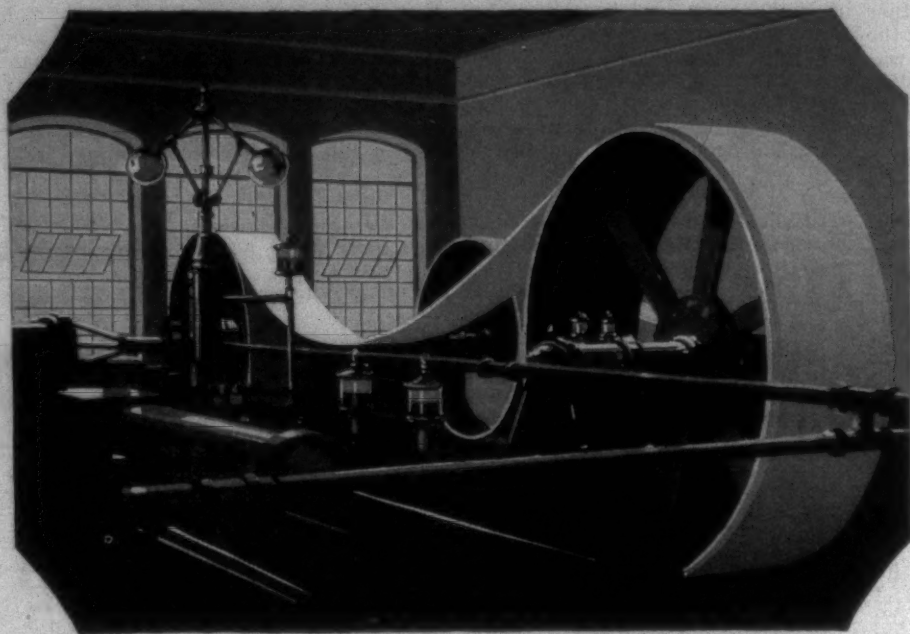


U. S. Department of Agriculture  
Bureau of Markets

PLATE I.

A photographic representation of the official Cotton Standard of the United States of those lengths of staple for which types are available for distribution, each respective length as shown being obtained from the original type bale.





## Measures up to all claims

If you select "Monarch" Leather Belting because of its reputation for rendering long service, you will not be disappointed.

It measures up to all claims!

Our statement that "Monarch" is a long-life belt is based on the indisputable tests of actual time and service.

We can meet your requirements.

**The Bradford Belting Company**

200 Walnut Street

Cincinnati, Ohio

**"MONARCH"**  
LEATHER  
BELTING

A complete stock of "Monarch"  
Leather Belting carried at our  
Southern Branch 552-54 Main St.  
GREENVILLE, S. C.





land cotton in a bale that has been penetrated by water during the baling process, causing damage to the fibers, or a bale that through exposure to the weather, or by other means, while apparently dry on the exterior, has been damaged by water in the interior, shall, in addition to its grade, be designated "Water Packed."

#### Length of Staple.

For the purposes of these standards:

Section 1. The length of staple of any cotton shall be the normal length by measurement without regard to quality or value, of a typical portion of its fibers under a relative humidity of the atmosphere of 60 per centum and a temperature of 70 degrees, Fahrenheit.

Sec. 2. The length of staple of any cotton shall be designated by that one of the following terms which expresses its measurement in inches or fractions of an inch in accordance with section 1 of this order:

Below 3-4; 3-4; 13-16; 7-8; 15-16; 1; 1 1-32; 1 1-16; 1 13-32; 1 1-8; 1 5-32; 1 3-16; 1 7-32; 1 1-4; 1 19-32; 1 5-16; 1 11-32; 1 3-8; 1 13-32; 1 7-16; 1 15-32; 1 1-2; 1 17-32; 1 9-16; 1 19-32; 1 5-8; 1 21-32; 1 11-16; 1 23-32; 1 3-4; and upwards in like manner in graduations of thirty-seconds, disregarding any fraction less than a thirty-second.

Sec. 3. The lengths of staple designated as 3-4, 7-8, 1, 1 1-8, 1 1-4, 1 3-8, 1 1-2, 1 5-8, and 1 3-4 inches, respectively, are each represented by a sample in the custody of the United States department of agriculture in a container marked "Original Official Cotton Standards of the United States Length of Staple" followed by the appropriate designation of such length of staple.

Sec. 4. Cotton which is more than three-fourths of an inch in length of staple but is not exactly one of the measurements specified in section 2 of this order, shall be designated by that one of such measurements which comes nearest under its true measurement.

Sec. 5. Whenever the length of staple of cotton taken from one part of a bale is different from that taken from another part of the same bale, the length of staple of the cotton in such bale shall be that of the part which is the shorter.

#### American Egyptian Cotton.

There has been a great deal of information written and printed in bulletin form from time to time, relating to the introduction of Egyptian cotton in this country and its development in the Salt River valley. The department of agriculture began experimenting with imported seed at Yuma, Arizona, in 1901. This stock, after several years in experimental breeding, produced a plant which had an improved character and greater strength of fiber. This plant gave rise to a new variety which was given the name Yuma. In 1913 commercial production of Yuma cotton had assumed such proportions as to warrant the preparation of standards so that in handling, grading, and marketing it, the commodity could be referred to by grade names and staple lengths. The United States department of agriculture then undertook the work of assembling types of grades and

lengths of staple in the form of standards for permissive use, which, since their introduction, have largely formed the basis for description of such cotton in transactions between cotton mills and producers.

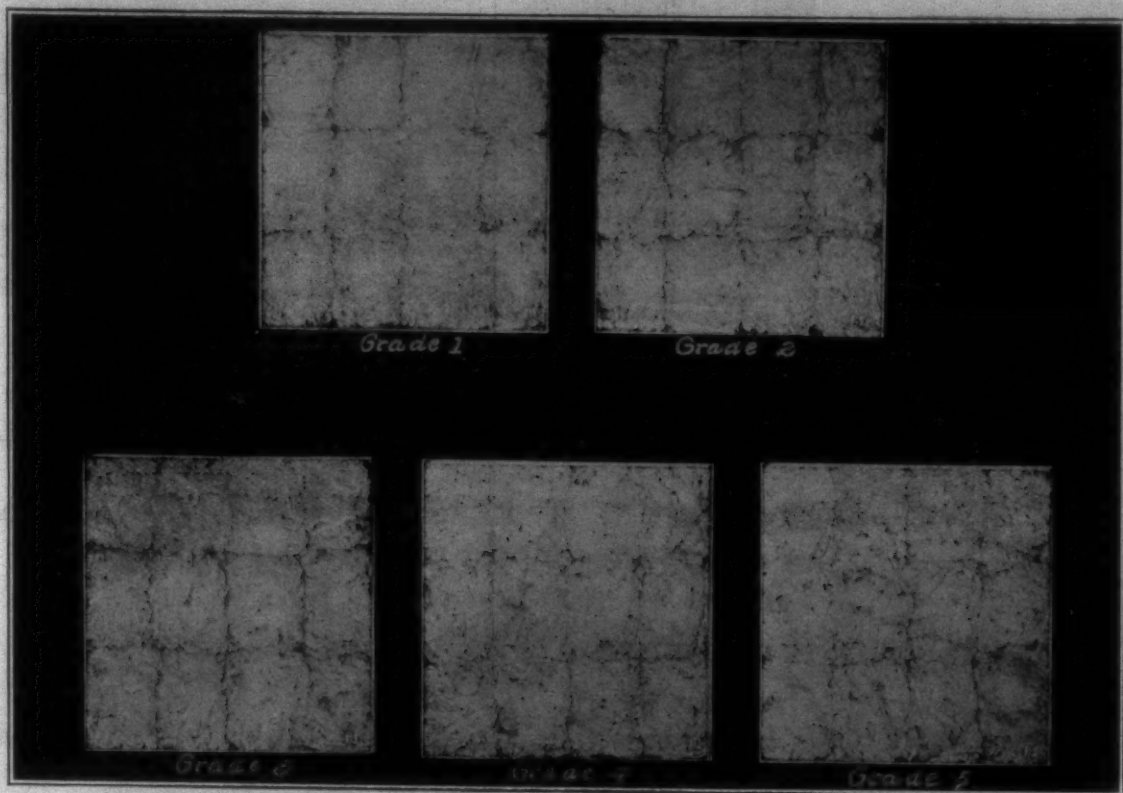
In 1910 a single plant of distinct type was found growing in a field of the Yuma variety, at Cacaton, Arizona. From the seed of this new plant a progeny row was grown in 1911 and more extensive plantings were made in 1912 and 1913. The most careful examinations failed to reveal any noteworthy departure from the original plant found in 1910. This variety was named Pima.

The important differences between the Pima and the Yuma varieties are that the Pima variety has a staple from 1 7-16 to 1 1-2 inches in length, and the Pima a staple from 1 5-8 to 1 3-4 inches, or an increase of from 7-16 to 1-4 of an inch.

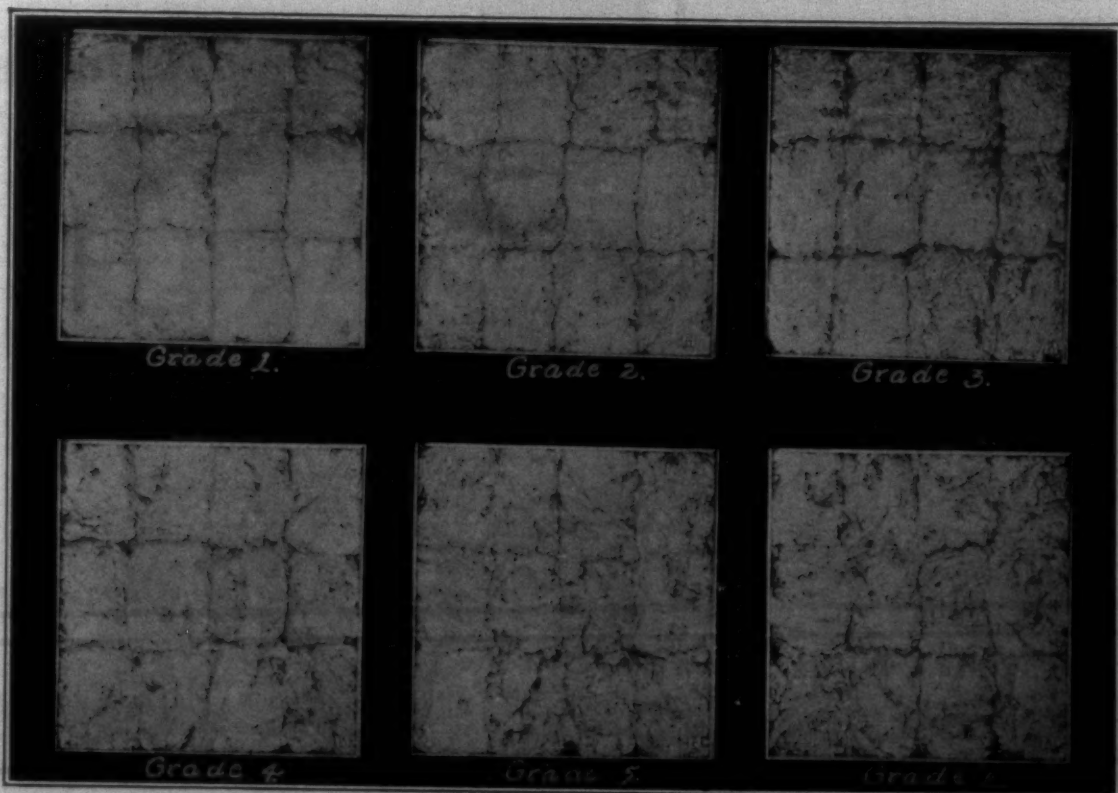
During the season of 1913 there were grown 253 bales of the Pima variety, the seed of which was saved for planting purposes, and the yield from the 1917 crop of Pima amounted to 2,966 bales. Of these, 2,260 bales were grown under the supervision of the United States department of agriculture (as were all

previous productions of Pima cotton) on virgin soil, as far as cotton was concerned, and in no instance on any land where the Yuma variety had been grown previously. The ginning of practically all of these bales was done in one gin. No other variety was ginned there and the seed was carefully sacked. From this seed almost the entire crop of 1918 was planted, on an area of between 70,000 and 80,000 acres in the Salt River Valley, and sections of California.

The grading and stapling of 2,100 bales of the 1917 crop were done by a representative of the bureau of



A complete set of photographs of the original official cotton standards of the United States for American Egyptian cotton



A complete set of photographs of the original official cotton standards of the United States for Sea Island cotton



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The Paint That Sparkles O'er With Light

## Chaffee's Mill White

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Lowest Ultimate Cost.

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SOUTHERN OFFICE

**CHARLOTTE, N. C.**

**Ben R. Dabbs, Manager**

markets of the United States department of agriculture, and material was collected for types. It was then decided to replace the tentative standards for Yuma cotton with the official cotton standards of the United States for American Egyptian cotton, made up of types of the Pima variety.

Heretofore the grades of Pima cotton have been designated by the names of Fancy, Extra, Choice, Standard, and Medium. In the official cotton standards for American Egyptian cotton numbers are substituted for the grade names—No. 1 for Fancy; No. 2 for Extra; No. 3 for Choice; No. 4 for Standard; and No. 5 for Medium.

Furthermore, American Egyptian cotton which in grade is between any two adjoining grades represented by types in the standards, are designated by the grade number of the higher grade, followed by "1-2," for example, cotton between grades No. 1 and No. 2 is grade 1 1-2. Also cotton inferior to grade No. 5 is designated "Below grade 5." For these and other rules applicable in grading American Egyptian cotton, the order establishing the standards should be carefully examined.

The lengths of staple formerly known by numbers are designated by their actual measurements, determined in the manner set forth in the order establishing the standards for length of staple and in the explanatory matter relating thereto.

### Sea Island Cotton.

Sea Island cotton has been successfully cultivated in the United States for more than a century. In 1911 a record crop of 122,866 bales of about 400 pounds each was raised, but the production varies greatly, the average crop being about 100,000 bales.

During the fall of 1917 the United States war department purchased one-sixth of the crop, under specifications calling for the average of the three highest grades, Choice, Extra Choice and Fancy. Representatives of the bureau of markets of the United States department of agriculture went to Savannah, Ga., to pass on the grades and lengths of staple of the cotton. It was found that, although commercial grades for Georgia and Florida Sea Island cotton had been in use many years, there were no physical guides or types generally in use representing the six grades known as Fancy, Extra Choice, Choice, Extra Fine, Fine, and Medium Fine, but that each merchant had private types representing approximately the qualities in these grades.

In January, 1918, a representative of the bureau of markets visited numerous Sea Island centers in South Carolina, Georgia and Florida, investigating the practicability of preparing a set of types representing the ranges of the grades of Sea Island cotton. Samples were collected and prepared and were afterwards examined by a committee representing the Savannah Cotton Exchange and others. Two sets of types each were made for the grades Fancy, Extra Choice, Extra Fine, Fine, and Medium Fine. One set was taken through Georgia, Florida and South Carolina and exhibited to many Sea Island merchants, buyers, growers, and planters, the majority

approving the types. Upon their return to Washington, minor changes were made in the types, which were afterwards examined by the trade, general concurrence being obtained. One set of the types was exhibited at the Textile Show in New York during the early part of April, 1918, and a set was furnished to the Savannah Cotton Exchange. The new official cotton standards of the United States for Sea Island cotton are copies of these two original sets, and 50 sets of the types have been prepared.

In the standards for Sea Island cotton, as in the case of American Egyptian cotton, numbers are substituted for grade names, No. 1 for Fancy; No. 2 for Extra Choice; No. 3 for Choice; No. 4 for Extra Fine; No. 5 for Fine; and No. 6 for Medium Fine.

Likewise, Sea Island cotton which in grade is between any two adjoining grades represented by types in the standards, is designated by the grade number of the higher grade, followed by "1-2," for example, cotton between grades No. 1 and No. 2 is grade 1 1-2. Also, cotton inferior to grade No. 6 is designated "below grade 6." For these and other rules applicable in grading Sea Island cotton, the order establishing the standards should be carefully examined.

The lengths of staple will be designated by their actual measurements determined in the manner set forth in the order establishing the standards for length of staple and in the explanatory matter relating thereto.

### Length of Staple of Cotton.

The United States department of agriculture has been engaged for several years in making investigations looking to the ultimate establishment and promulgation of standards for lengths of staple of cotton. Cotton specialists were sent to the Eastern and New England states and to the cotton belt of the South for the purpose of interviewing cotton mill owners, merchants, buyers, and shippers in order to ascertain whether they favored such standards. Of those consulted, 24 out of 35 mill operators, 102 out of 127 shippers, and 17 out of 32 brokers, or about 70 per cent of all, were favorable. Each person interviewed was requested to furnish the department of agriculture with physical types representing his ideas of the respective lengths of staple. There were 408 samples submitted, which were examined by a committee of nine cotton experts. These types were in most instances the actual types used in the transactions of the person by whom they were furnished, and included all the lengths in sixteenths of an inch from 1 3-16 up to and including 1 11-16, as well as in thirty-seconds of an inch from 1 up to and including 1 1-2 inches. The committee approved over 70 per cent of the types submitted.

The conclusion was reached that length of staple should be the length of the fibers, by actual measurement according to the standard rule under a relative humidity of the atmosphere of 65 per cent and a temperature of 70 degrees Fahrenheit, without regard to the quality or value of the staple. It was also deter-

Continued on Page 18



**SUPERINTENDENTS AND OVERSEERS.**

We wish to obtain a complete list of the superintendents and overseers of every cotton mill in the South. Please fill in the enclosed blank and send it to us.

..... 1919.

Name of Mill.....

Town.....

..... Spinning Spindles..... Looms

..... Superintendent

..... Carder

..... Spinner

..... Weaver

..... Cloth Room

..... Master Mechanic

..... Dyer

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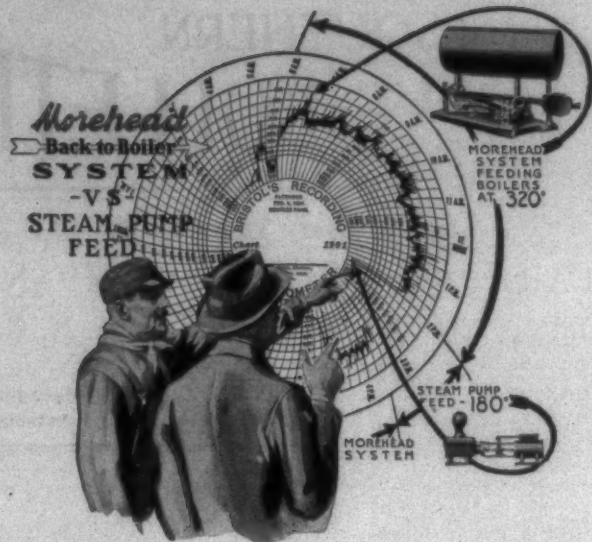
BECAUSE it transmits power without slip or loss. It combines the advantages of the leather belt drive with those of the gear drive, eliminating their disadvantages. Write for Book No. 258.

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SILENT CHAIN DRIVES**

J. S. Cothran, Sou. Agent, Charlotte, N. C.



This chart graphically illustrates the temperature difference between feeding boilers with a steam pump and with the Morehead Back-to-Boiler System, taken under exactly the same conditions.

**Reducing Fuel Costs**

Note the drop in temperature of the returns from the steam lines—shown in the chart—when the boiler is fed with an ordinary steam pump.

Then when the Morehead Back-to-Boiler System is placed in operation, note the steady increase in temperature—which, of course, results in a tremendous fuel saving, frequently as much as 20 per cent—and increased efficiency of steam heated equipment.

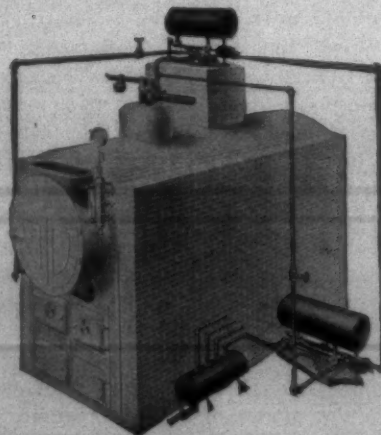
Boilers fed with a steam pump are less efficient because the water of condensation must be allowed to cool down to 212 degrees before the pump can handle it.

With the Morehead System, the water can be returned immediately to the boilers at from 275 to 312 degrees—and a gain of one per cent of fuel for every ten degrees increase in heat. Let us send you our catalog and complete information.

**Morehead M'fg Company**

Department T. B.

**DETROIT, Michigan**





# SOUTHERN TEXTILE BULLETIN

Published Every Thursday By

CLARK PUBLISHING COMPANY

Offices: 39-41 S. Church St. Charlotte, N. C.

DAVID CLARK.....Managing Editor  
B. ARP LOWRANCE.....Associate Editor

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Single Copies.....	.10

Contributions on subjects pertaining to cotton, its manufacture and distribution, are requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

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THURSDAY, APRIL 10, 1919

### Will Test New Child Labor Law.

Plans are now being perfected for an early test of the constitutionality of the new Federal child labor law, which was attached to the Federal revenue law in the disguise of a tax measure.

The law firms of O'Brien, Broadman, Harper, Parker & Fox of New York, Manly, Hendren & Womble of Winston-Salem, N. C., and ex-Judge W. P. Bynum of Greensboro, N. C., will have charge of the case.

This is the same array of legal talent that successfully tested the constitutionality of the Keating Child Labor Law and it would be difficult to obtain an abler set of attorneys.

A conference was held in Washington, D. C., on Thursday between Junius Parker, W. M. Hendren and W. P. Bynum of the above mentioned firms and David Clark, editor of the Southern Textile Bulletin, for the purpose of deciding upon the best methods of testing the new Federal Child Labor Law.

The present law will not be decided upon the question of child labor, but upon the right to regulate the affairs of the several states through riders attached to Federal revenue laws.

As all of the Southern States now prohibit the employment of children under 14 years of age, there is really no principal of child labor involved, but it is unconstitutional for Congress to regulate the affairs of

the several states by placing a prohibition tax upon the things to which they object.

The State of North Carolina has passed a law prohibiting the employment of children under 14 years of age and it is unreasonable for Congress to attempt to tell North Carolina that she must adopt a slightly different standard or be forced to do so by a 10 per cent tax upon profits.

If there ever was an invasion of state rights, the Federal Child Labor Law is certainly a case.

If this law is allowed to stand and this method of regulating affairs by means of a heavy tax becomes popular there is nothing that the agitators and union labor delegates will not attempt.

United States senators and congressmen, with few exceptions, tremble every time organized labor sneezes and will pass any law they ask.

If organized labor and bolshevik agitators desire any changes in industry made in any part of the United States, they can force the issue by having congress place a prohibition tax upon the things they dislike.

Competitors will, through Congress, frequently be able to cripple and destroy competition by getting Congress to adopt a tax upon their products.

It was never intended that the taxing power of Congress should be used to regulate or destroy the in-

dustries of the several States.

A more dangerous precedent could hardly be found than this law which seeks to regulate through taxation.

It is practically assured that the United States Supreme Court will declare the law unconstitutional if properly presented to them.

### General Description of the Southern Textile Exposition, Inc., New Building.

The Southern Textile Exposition Company's new building is located on West Washington street, Greenville, S. C., which is the home of the Southern Textile Expositions, and is a model plant for the holding of these textile shows and similar expositions.

The new building was completed at a cost of nearly \$200,000, which is probably the biggest achievement ever undertaken by any city of the size of Greenville in the South.

The dimensions of the building are 101 feet wide by 232 feet long, and contains a floor area, including the balconies and mezzanine floors, of about 60,000 square feet.

The actual area reserved for exhibits amounts to over 28,000 square feet, exclusive of aisles, stage, offices, toilets, cloak rooms, stair towers, etc.

The building is of massive construction, being a combination of reinforced concrete and slow burning construction, and with a fire equipment provided, which makes it practically a fire proof structure.

The equipment of the building is complete in every particular, it being provided with every accessory and device necessary for staging almost any show that could be desired.

In each of the main pilasters at the side and ends of the building service lines for electric lights, power, water, plumbing waste and gas are provided. This arrangement makes the installation of any exhibit requiring such service possible at a very small cost.

The heating and ventilation of the building is a combination forced draft return circulating system, which permits the building to be supplied with clean, washed air brought up to the proper temperature and humidity and makes the building, at all times, very comfortable to the visitors.

The building is provided with a 10,000 pound elevator, capable of handling almost any weight exhibit that may be desired.

The building is immediately adjacent to the terminals of the Piedmont & Northern lines, and exhibits are handled from the railroad terminals directly into the building without rehandling.

Telephone and telegraph connections are possible for all exhibitors where these connections are desired.

The floor plans for the first and second floors of the building have been greatly improved by running three main alleys through the building, connecting cross alleys, which makes practically every exhibit booth an outside booth. The only criticism against the last show was

the dead ends, and these have been entirely eliminated by the new arrangement. While some few exhibit spaces are lost through this arrangement, we believe the improvement is more than worth the sacrifice.

Between shows the building is used as an auditorium, in which the biggest attractions that travel the country are staged.

Photographs of the interior, showing the general arrangement of the auditorium, are exhibited and show a seating capacity of 3,600 chairs, with possible space for 4,000, if it is ever desired to put this many people in the building.

### Osceola Mill Home Opened at Gastonia.

The attractive neighborhood home of the Osceola Mill, Gastonia, was formally opened Friday night with appropriate exercises. W. T. Rankin, in extending to his people the use of the building, spoke with much feeling of struggles of other days and the warm relations that had always existed between employer and employees of Osceola. He also said the stockholders considered the "social center" the best investment he had made. Rev. Dr. J. H. Henderlite talked briefly on the splendid advantages of the new home. Miss Myat, of Smithfield, was introduced as the social secretary and will have charge of the social, domestic and home department.

Rev. Geo. R. Gillispie will be in charge of the religious activities, conducting Sunday school, preaching service, and prayer meeting each week.

### Cotton Mill for California.

The Southern Textile Bulletin has received a letter from T. R. Tingle, 4715 Wilton Place, Los Angeles, Cal., in which he says he is interested in securing names and addresses of firms manufacturing cotton mill machinery. Mr. Tingle writes that he represents a body of 60 Pacific Coast business men who contemplate opening a large cotton mill at Los Angeles to manufacture cotton goods.

### Hotel Accommodations for the Textile Exposition.

The great demand for hotel accommodations for the coming Textile show has already taxed very largely the capacity of the local hotels, but a special housing and entertainment committee has been provided, and arrangements have been made to take care of every exhibitor and visitor who attends the third show.

Arrangements have been made to secure about 1,800 rooms in the best part of the city and anyone desiring accommodations can get same by writing Mr. Burnett, the general manager, or applying to the information bureau which will be opened in the Exposition building during the show.

No one should be discouraged or deterred from coming to the show on account of the possible fear of not securing accommodations, as these will be provided.



## Personal News

James Hughes is now overseer of carding at the Palmetto (Ga.) Mills.

Edward Coggins has accepted the position of overseer of weaving at the Palmetto (Ga.) Mills.

W. C. Gibson has become superintendent of the Dixie Manufacturing Company, Atlanta, Ga.

W. P. Lovett has resigned as superintendent of the Dixie Manufacturing Company, Atlanta, Ga.

J. P. Eller, of Charlotte, has accepted the position of overseer of weaving at the Altavista (Va.) Cotton Mills.

R. B. Hunt has become overseer of spinning and assistant superintendent of the Adams Cotton Mill, Macon, Ga.

E. C. Turner, formerly overseer of weaving at the Fulton Bag and Cotton Mills, is now superintendent of the London (Ohio) Fabric Mills.

R. H. Dallas has resigned as overseer of spinning at the Belton (Tex.) Yarn Mill and accepted a position with the Swift Mfg. Co., Columbus, Ga.

A. P. Richie has resigned as overseer of spinning at the Jewell Mill, Thomasville, N. C., to become overseer of carding at the Pomona Mill, Greensboro, N. C.

J. W. Mooty has resigned as superintendent of the Hoganville (Ga.) plant of the International Duck Company, and accepted a similar position at the Couch Brothers Mill in Greenville.

D. A. Read has been promoted from overseer of spinning and twisting to superintendent of the Hoganville (Ga.) plant of the International Duck Company.

J. A. Stewart has resigned as second hand in carding at the Indian Head Mill, Cordova, Ala., and accepted a similar position at the International Cotton Mills, LaGrange, Ga.

J. R. Killian, formerly superintendent of the Cannon Mills, Concord, N. C., but more lately in Government service, will be manager of the Beaver Mills, which takes over the John E. Smith Cotton Manufacturing Company, Thomson, Ga.

### Mrs. Lillian Earle Montgomery Dead

Following an extended illness, Mrs. Lillian Earle Montgomery of Spartanburg, wife of Victor M. Montgomery, one of the leading cotton mill men of the South, passed away at her home Sunday morning at the age of 33. The funeral services were held at the home, following which the remains were taken to Greenville on the Piedmont & Northern Railway train No. 41 for interment.

Mrs. Montgomery was a native of Greenville, and was a member of one of South Carolina's most prominent families. She was a cousin of

Wilton H. Earle, prominent attorney and formerly State senator from Greenville county.

### An Error.

J. W. Jolly was, through error, reported as having become superintendent of the Magnolia Cotton Mills, Magnolia, Miss. C. B. Buchanan is superintendent of that mill and the manager writes us "we hope he will continue as superintendent as long as he can keep up the good work he is now doing." The report that reached us came from what we considered an authoritative source, but was erroneous.

### Wahoo Manufacturing Company.

#### Sargent, Ga.

J. A. Smith ..... Superintendent  
W. P. Smith ..... Carder  
Dennis Ward ..... Spinner  
W. P. Smith ..... Master Mechanic

### Melville Manufacturing Company.

#### Cherryville, N. C.

R. D. Hamesley .... Superintendent  
J. C. McGinnis ..... Carder  
J. W. Fourshee ..... Spinner  
J. T. Thornburg ..... Night Carder and Spinner.

### Saxony Spinning Company.

#### Lincolnton, N. C.

A. F. Cloniger ..... Superintendent  
D. L. Garrison ..... Carder  
W. L. Long ..... Spinner  
J. F. Smith ..... Night Carder  
A. L. Bost ..... Spinner  
R. G. Epps ..... Master Mechanic

### D. E. Converse Company.

#### Glendale, S. C.

R. F. Bagnell ..... Superintendent  
H. H. Brown ..... Carder  
J. C. Le Master ..... Spinner  
C. H. Lockman ..... Weaver  
I. V. Rhinehardt ..... Cloth Room  
J. T. Varner ..... Master Mechanic  
Jess Brogan ..... Engineer

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Binders  
Loom Supplies

Ivey M'fg Co.

Hickory, N. C.

### Cliffside Mills.

#### Cliffside, N. C.

W. L. Packard ..... Superintendent  
C. G. Tate ..... Carder  
R. V. Bland ..... Spinner  
R. L. Wade ..... Beaming & Slashing  
P. C. Hawkins ..... Weaver  
W. R. Thigpin ..... Finishing  
A. I. Moore ..... Dyer  
C. C. Blanton ..... Master Mechanic  
G. K. Moore ..... Outside

### Kershaw Cotton Mills.

#### Kershaw, S. C.

S. G. Dover ..... Superintendent  
H. W. Ctry ..... Carder and Spinner  
A. C. Giles ..... Weaver  
C. E. Ogburn ..... Cloth Room  
H. B. Ellard ..... Night Carder and Spinner  
W. C. Cole ..... Machinist

### Gaston Manufacturing Company.

#### Cherryville, N. C.

W. L. Hendrick .... Superintendent  
R. F. Gardner .... Carder & Spinner  
J. R. Howe ..... Weaver and Cloth Room  
A. K. Melton .... Master Mechanic

### Poulan Cotton Mill.

#### Poulan, Ga.

S. W. Patterson ..... Supt. and Weaver  
I. V. Statham ..... Carder  
W. W. Langston ..... Spinner  
A. M. Patterson ..... Second Weaver  
J. B. Castleberry ..... Cloth Room  
J. H. Duke ..... Master Mechanic

Raw Stock Dyers  
Sanders Smith & Co.  
Charlotte, N. C.

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Invaluable for Scrubbing

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Manufacturing  
Company

Milwaukee Wis.  
Sales Offices in Principal Cities



# MILL NEWS ITEMS OF INTEREST

**Durham, N. C.**—The Durham Hosiery Mill No. 1 is erecting a new dyehouse. The building is to be a three-story brick structure and equipped with the latest dyeing apparatus.

**Union, S. C.**—The McNally Cotton Company, cotton and fertilizers, contemplates the erection of a twine mill and is interested in prices and general information on machinery and equipment necessary.

**Columbia, S. C.**—The Pacific Mills are making many improvements around their mills. New houses are being built in the village, other houses are being repainted and a number of new streets and concrete sidewalks are being laid out.

**Granite Falls, N. C.**—Within the next 60 days the new building of the Granite Falls Manufacturing Company will be completed. Machinery for the mill has already been bought and it is expected that the mill will begin operations in the early part of the summer.

**Waco, Tex.**—The Miller Cotton Mills have been organized with a capital stock of \$500,000 with the following officers: Bryon Mill, Kansas City, president; R. W. Higginbotham, Dallas, Tex., vice president; E. R. Nash, Waco, secretary and treasurer. The company has purchased a site here and will establish a cotton mill for the manufacture of denims. Previous announcement was made of this proposed mill in February, the plans being first announced with the intention of building the mill at Dallas.

## New Mill for Gastonia.

Grady Rankin and associates, of Gastonia, have organized a new mill company with a capital stock of \$150,000, all of which has been paid in. It is not yet known what the name of the new company will be. They will erect a 5,000 spindle yarn mill.

## John E. Smith Cotton Manufacturing Company Sold.

The plant of the John E. Smith Cotton Manufacturing Company, Thomaston, Ga., was sold last week to the Couch Manufacturing Company, Atlanta, Ga. The mill was owned by the Neals of Macon, and a few men in Thomaston. It is equipped with 10,000 spindles and 260 looms and manufactured duck. The purchase price is reported as being \$100,000.

The mill is taken over by the Beaver Cotton Mills, which were organized with a capital stock of \$400,000 on April 8th, 1919, with Main offices in Atlanta, Ga.

The new corporation will enlarge and make many improvements at the mill plant.

The stockholders met in Atlanta, Ga., and elected the following directors: W. D. Couch, of Couch

Brothers Mfg. Co., East Point, Ga.; A. G. Couch, of Couch Brothers Mfg. Co., East Point, Ga.; George Beveridge, of Couch Brothers Mfg. Co., East Point, Ga.; J. R. Killian, formerly with Cannon Mfg. Co., Concord, N. C., now with Quartermasters Dept., Atlanta, Ga.; L. J. Powers, manufacturer, Waterloo, Iowa; A. H. Benfield, commission agency, New York, who in turn elected the following officers: W. D. Couch, president, East Point, Ga.; A. G. Couch, treasurer, East Point, Ga.; George Beveridge, vice-president, East Point, Ga.; J. R. Killian, general manager, Thomson, Ga.

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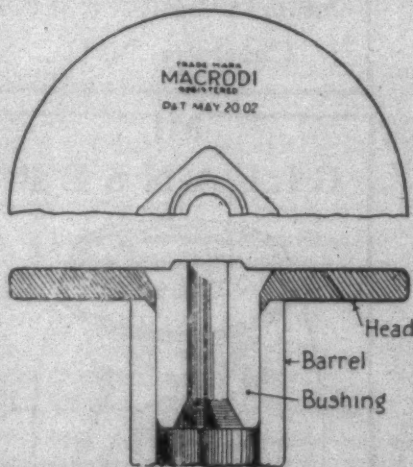
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Landscape Architect and City Planner

505-506 Trust Building, Charlotte, N. C.

### PROFESSIONAL SERVICE IN

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- Improving Old Mill Villages
- Beautifying Mill Grounds and Mill Villages



## The Macrodi FIBRE HEAD WARP SPOOL

after fourteen years of the hardest mill use has demonstrated that it is

### Durable — Economical

Write for particulars of the added traverse with corresponding increase in yardage—an important feature of this spool.

Prompt deliveries in two to three weeks after receipt of order.

### MACRODI FIBRE CO.

Woonsocket, Rhode Island  
Sold in the South also by Odell Hardware Co., Greensboro, N. C.; General Mill Supply Co., Charlotte, N. C.; and other leading mill supply houses.

## Guaranteed Roofing and Roofing Paints

Make your old shingle roofs as good as new by using our No. 1 WOOD PAINT. Our METAL PAINT too is guaranteed to give you entire satisfaction, and in the event you have leaky metal or composition roofs, apply a coat of JOHNSON'S FIBRE COATING over them and get quick and permanent relief. **Over two hundred Southern cotton mills are using our ROOFING PAINTS.**

For prices and further information write

**JOHNSON PAINT COMPANY**  
ATLANTA, GA.

Mr. Killian has been connected with the Cannon Manufacturing Co. for a number of years, having charge of their Nos. 1, 2 and 3 mills, at Concord, N. C., where he resigned last year to go with the Government. He will live at Thomson, Ga., and have charge of the manufacturing end of the business and be local manager.

They will manufacture drills and ducks.

## North Carolina Textile School Will Add New Machinery.

At a meeting of the executive committee of the board of trustees of the North Carolina A. and E. College, at West Raleigh, held last week an appropriation of \$15,000 was made to be used during the next two years to furnish additional equipment for the North Carolina Textile School.

This school already has one of the best, if not the best, equipments in the country, and this additional amount to be expended will mean a considerable increase in its efficiency and usefulness to the young men of the State who desire to study textile engineering.

Under the able direction of Prof. Thomas Nelson, the school has established and maintained an enviable reputation throughout the United States for the high standard of work accomplished, and graduates of the school are holding some of the most responsible positions in the industry.

## Cotton Acreage Cut 31 Per Cent.

Columbia, S. C.—The south's cotton acreage in 1919 will be 31.08 per cent less than in the previous year, according to a report on acreage reduction estimates from all the cotton growing states submitted by the South Carolina Cotton association here. The report presented before a cotton reduction convention, at which it was announced 800 delegates were present, representing every county in the state, also announced unfavorable weather for planting in 90 per cent of the cotton belt.

That 50 per cent less commercial fertilizer will be used this year that there is a marked labor shortage, and "inroads of the boll weevil will be more serious than for years past" were other statements made in the report, which gave detailed figures of estimated reductions in each state, showing the big cotton producing states of Texas, Georgia, Mississippi and Oklahoma by these figures pledged to raise one-third less cotton this year than last.

The following table of acreage re-

### Loom Fixers Wanted.

Want two first class loom fixers. Pay \$25.00 per week. Apply or write to Marsh Cotton Mill, Salisbury, N. C.



duction percentage by states was presented:

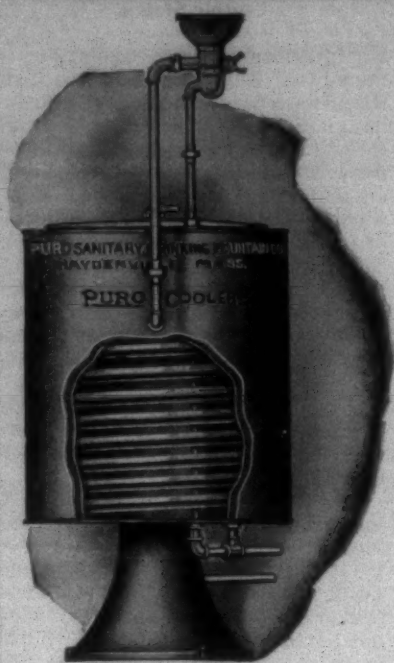
State.	Reduction Pct.
Virginia .....	33 1-3
North Carolina .....	24
South Carolina .....	31.45
Georgia .....	33 1-3
Florida .....	24.55
Alabama .....	33 1-3
Mississippi .....	33 1-3
Louisiana .....	29
Texas .....	33 1-3
Arkansas .....	25
Tennessee .....	16
Missouri .....	6
Oklahoma .....	33 1-3
California .....	20
Arizona .....	25

Totals ..... 31.08

"The association has not only had pledges on reduction carefully tabulated and checked," says the report, "but has had personal investigations made in each section for the purpose of being as near accurate as it is humanly possible to be in this estimate. The association report is certainly the most accurate report ever issued for South Carolina, the same being the result of practically a personal canvass of the farmers of the state. It is also probably the most accurate report on all conditions covered in the report ever issued."

J. L. Ledwell of Bessemer City, N. C., has accepted the position of overseer of spinning at the Capitola Mill, Marshall, N. C.

W. H. Still, superintendent of the Capitola Mills, Marshall, N. C., paid us a visit on April 2nd while returning from Lancaster, S. C., where he had been visiting his mother.



Southern Agent  
E. S. PLAYER

The late ex-President  
Roosevelts' motto was  
**Be Prepared!**

Anticipate your warm weather requirements and order

**Puro Coolers**

**NOW**

**DON'T DELAY.**

40 Feet Coil Pipe—

Cover with locking device and rubber washer, making an air tight Tank—equipped with Puro Sanitary Drinking Fountain

**Puro Sanitary Drinking Fountain Co.**

Haydenville, Mass.

## PLUMBING CONTRACTORS MILL WORK A SPECIALTY

Equipped to handle any kind of plumbing job in plant or village. Can furnish estimates on short notice. Full line plumbers' supplies.

**The J. J. BREEN Co.**

Plumbing and Heating Contractors

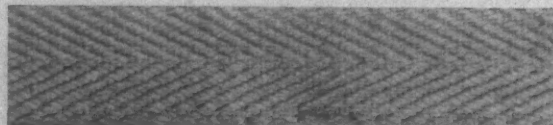
17 West 5th Street

CHARLOTTE, N. C.

## AMERICAN TEXTILE BANDING CO., Inc.

Manufacturer

**Spindle Tape  
AND  
Bandings**



Hunting Park Ave. and Marshall St. Philadelphia, Pa.

**TAPE  
DRIVES**

OUR TAPES ARE ENDORSED BY MACHINERY EXPERTS. They know their quality and they know their scientific structure. Exhaustive trials by practically all machinery makers have demonstrated that they have no superior. Write us.

Barber Manufacturing Co., Lowell, Mass.  
SPINNING TAPE SPECIALISTS

## "LEATHEROID"



"Leatheroid" No. 2 Steel-Clad  
Factory Car

Buy "Leatheroid" Roving Cans, Cars, Boxes, etc.  
Sold by Southern Mill Supply Houses.

ROGERS FIBRE CO.  
Leatheroid Sales Division  
1024 Filbert Street  
PHILADELPHIA, PA.

## Improved Rice Dobby Chain



reduces broken bars to a minimum because the wire eyes do not break into the side walls of the peg holes. The eyelets are fastened so securely that they cannot work loose.

**Rice Dobby Chain Co.**  
Millbury, Mass.

Send Us Your Order To-day

## "OLD BUCK"



**CLEANSER**

Mill Scouring Soaps, Mill Scouring Powders, Mill Disinfectants  
Quick deliveries at attractive prices

**The World Manufacturing Co.**  
Atlanta, Ga.

WHEN PLANNING DRIVES  
Before Buying Pulleys and Belting  
Ascertain HOW "MORSE" Drives will  
SAVE, CONSERVE POWER AND  
INCREASE PRODUCTION  
Consult Our Engineering Service,  
Assistance Free.  
MORSE CHAIN CO., ITHACA, N. Y.

## THE CHOICE OF A HUMIDIFYING SYSTEM

must be one that for simplicity with great capacity and economy in maintenance produces uniformly such conditions that may be determined for the different requirements of the work. In the American Moistening Company's method of humidifying, all such requirements are GUARANTEED.

Our COMINS SECTIONAL HUMIDIFIERS

Our FAN TYPE and HIGH DUTY HUMIDIFIERS

Our VENTILATING Type of Humidifier (Taking fresh air into the room from outside)

Our ATOMIZERS or COMPRESSED AIR SYSTEM

Our COMPRESSED AIR CLEANING SYSTEM

Our CONDITIONING ROOM EQUIPMENT

Our AUTOMATIC HUMIDITY CONTROL (Can be applied to systems already installed)

Our AUTOMATIC TEMPERATURE CONTROL

Are all STANDARDS of MODERN TEXTILE MILL EQUIPMENTS

**AMERICAN MOISTENING COMPANY**

BOSTON, MASS.

FRANK B. COMINS, Vice-Pres. & Treas.

WILLIAM FIRTH, President

SOUTHERN OFFICE, Empire Building, ATLANTA, GEORGIA

RIGHT HAND

**DAVID BROWN CO.**

Successors to  
WELD BOBBIN AND SPOOL COMPANY

LAWRENCE, MASS., U.S.A.

MANUFACTURERS OF HIGH GRADE

**Bobbins, Spools, & Shuttles**

For Cotton, Woolen, Silk, Knitting  
and Carpet Mills

We make a specialty of  
Hand Threading and Woolen  
Shuttles. Enamelled Bobbins  
and all kinds of Bobbins and  
Spools with Brass or Tin  
Re-Inforcements.

Write for quotations.

LEFT HAND



## Boiling Out, Dyeing, Fulling and Washing in One Continuous Operation

COMBINING these operations in our Hustler Continuous Process Machine, saves time, labor and materials, and consequently reduces cost.

Our multiple compartment Machine offers textile manufacturers an opportunity of producing quality goods at a greatly reduced cost. Let us figure on your proposition.

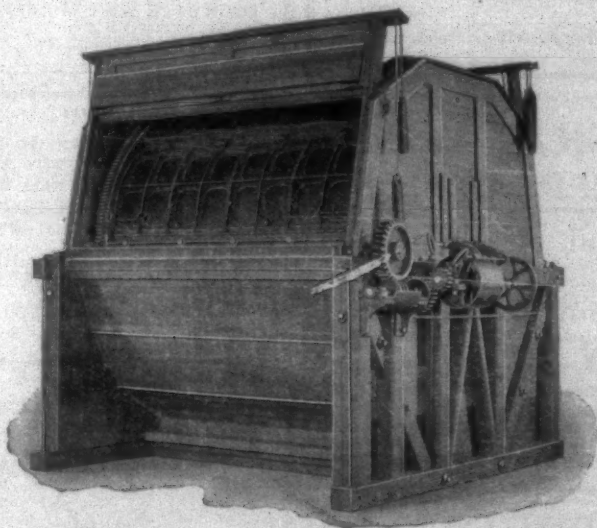
Details and estimates gladly furnished

### SALEM IRON WORKS

135 Liberty Street

WINSTON-SALEM, N. C.

## DYEING MACHINES



Circulating Tape Raw Stock Dyeing and Bleaching Machines. Revolving Cylinder Type Raw Stock Dyeing and Bleaching Machines. Revolving Cylinder Hosiery Dyeing Machines.

**Delahunty Dyeing Machine Co.**  
PITTSBURGH, PA.

## Official Cotton Standards of the Conditions in Europe As Seen by an Expert.

(Continued from Page 12.)

mined that length of staple less than three-fourths of an inch should be designated as "Below 3-4;" from three-fourths to one inch should be designated in steps of sixteenth of an inch; and from one inch upwards should be designated in steps of thirty-seconds of an inch. When cotton more than three-fourths of an inch in length of staple is not actually one of the measurements specified, it is to be designated by the specified length which comes nearest under its actual measurement.

A graphic illustration of the steps from one to one and one-eighth inches, both inclusive, is contained in Plate IV.

The following lengths specified in the standards, nine in all, are represented by physical types: 3-4, 7-8, 1, 1 1-8, 1 1-4, 1 3-8, 1 1-2, 1 5-8 and 1 3-4. Reproductions by the photogravure process of samples of cotton having these lengths are shown in Plate I. These photogravures show the actual measurements as nearly as possible by any present day commercial method of illustration, and for all practical purposes are the exact length of the original samples.

Realizing that differences in methods of pulling staple may be the cause of variations in the results obtained by different classers, the bureau of markets has made a study of the methods used by those who are acknowledged to be experts in this particular work. As a result a method has been devised which meets with the approval of the bureau, and its general adoption in determining length of staple according to these standards is recommended. Photographs have been taken of the successive motions involved in this method and are reproduced in Plates V, VI, and VII, which will be shown in next week's Southern Textile Bulletin.

O-o-oh!

Oh, but she was hurt! "I must tell you a secret," said confiding Trottie to her girl friend. "Do you know that Tam was wearing my photograph over his heart at the front the other day and it stopped a bullet?"

"Well, dear," answered the friend, looking at Trottie, "I am not surprised."

(Continued from page 3.)

investigation who, after two or three days spent in Milan, were ready to return. Everybody appears ready to buy but they plainly admit inability to pay in any reasonable period. Coal is selling in Rome at 350 lire, or \$70 a ton, and wood at \$5 per 100 pounds. Genoa is a busy seaport town like Marseilles in France, but Milan is the commercial center of Italy and business houses should have headquarters there.

"American exporters face a hopeful future provided credits can be arranged, and at the moment this seems to be possible only provided a market is developed here for long term foreign securities. Mr. Vanderlip and Mr. Morgan have both been in Europe since January 1, and it is only natural to assume that their attention has been given to this subject. I believe that the export trade of the United States in the immediate future will only be limited by the extent to which our people absorb the securities offered in exchange for our goods."—Journal of Commerce.

Mary Lelia Cotton Mill.

Greensboro, Ga.

G. R. Brooks	Superintendent
W. B. Dial	Carder
B. L. McDonald	Spinner
O. H. Dillard	Weaver
C. W. Giles	Cloth Room
C. P. Gray	Master Mechanic

Lowe Manufacturing Company.

Huntsville, Ala.

J. T. McGregor, Agt.	Supt.
W. M. Gillis	Carder
J. H. Bamehire	Spinner
P. B. Mullins	Weaver
A. R. Hawkins	Cloth Room
J. S. Brown	Master Mechanic
J. H. Winn	Dyer

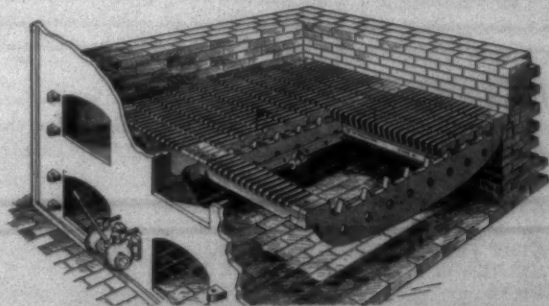
Pickens Mill.

Pickens, S. C.

Jno. F. Abercrombie	Supt.
S. L. Adams	Carder
A. J. Jewell	Spinner
W. J. Bridgeman	Weaver
J. B. Holland	Cloth Room
T. T. Ligon	Master Mechanic

## McNaughton Type H Shaking Grate

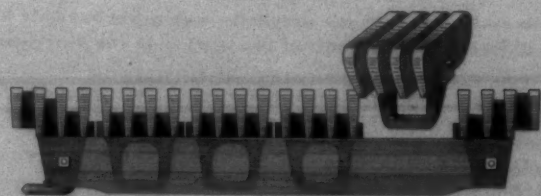
The easy, quick, sifting, action. The only grate that is genuinely burn and warp proof



THE GRATE THAT DOES NOT BURN

Ask the large cotton mills of the South what grate they are using. The chances are it's—

McNaughton.



BARs MADE IN SECTIONS

**McNAUGHTON MANUFACTURING COMPANY, MARYVILLE, TENN.**



**The Johnson Paint Company.**

The Johnson Paint Company, of Atlanta, manufacturers of roof, barn and bridge paints, are meeting with an unusual amount of success in their business with the Southern cotton mills. This concern was established six years ago and their sales have grown very rapidly. During this time they have sold their goods to more than 300 cotton mills and have received mail orders and repeat orders from over 200 mills. Some of the testimonials which the Johnson Paint Company has received from the mills are given below.

The Belton Mills, Belton, S. C., furnishes an interesting example of the business done with the Johnson Paint Company, and is typical of similar transactions with other mills. The paint order received was handled on condition that the mill use the barrel of Johnson paint and if satisfied pay for it within six months, and if not satisfied with the paint they were to pay nothing at all. Since that time, the Johnson Paint Company has had several orders from the Belton Mills, coming through the mails and not through salesmen, asking them to ship them certain quantities, and advising that they wanted the same kind of paint which they got in their first order.

"It spreads farther" is one of the claims made by the Johnson Paint Company for their products. The best evidence of their satisfactory service in the cotton mills is found in the following letters:

Riverdale Cotton Mills,  
Riverview, Ala.  
March 10, 1917.

To Whom It May Concern:

For the past three or four years, we have bought all of the roof paint we have used from J. D. Smith, representing the Johnson Paint Company. Three years ago we thought we would have to put a new roof on our slasher room, but were advised by Mr. Smith that this paint would save the cost of a new roof and we were governed according to his dictation, and today the roof is in very good condition.

We have also used the shingle paint, on old and new roofs, and find it entirely satisfactory, and expect to paint every shingle roof that we have in our village, as we believe it to be an economical proposition.

Very truly,  
RIVERVIEW COTTON MILLS,  
T. J. Goggans, R. H. P., Supt.

McIntosh Mills,  
Newnan, Ga.  
March 7th, 1917.

This is to certify to whom it may concern, that we bought of Johnson Paint Company enough paint for five houses in our mill village, year before last, and after using same were well enough pleased, that in 1916, we bought for every house in our village, the roof on these buildings being about nine years old, and we are confident today that these roofs are as good as new roofs, and has saved this company at the least 150 per cent and we would advise anyone needing paint to buy this grade.

McINTOSH MILLS,  
R. B. Hubbard, Secty.  
T. R. Loren, Supt.

Manchester Cotton Mills,  
Manchester, Ga.,  
March 16th, 1917.

To Whom It May Concern:

We began buying paint through Mr. J. D. Smith, representing the Johnson Paint Company, a year ago and after using some on our shingle roofs, we were well enough pleased to buy enough for every old shingle roof in our village, consisting of about 165 houses and to thoroughly convince ourselves of what this paint was, we had some analyzed through the state chemist and it was just as Mr. Smith represented it to be, in its spreading capacities and other ways. We would advise anyone in need of a good roof paint to purchase same.

Yours truly,  
MANCHESTER COTTON MILLS,  
Dictated

M. M. Trotter, Jr.  
Southern Mills Corporation,  
Oxford, in Alabama,  
December 20, 1916.

Johnson Paint Company,  
Atlanta, Ga.  
Gentlemen:

We have used your paint on our roof for about four years and it has proved very satisfactory. It has stopped all the leaks and the roof is like new. We have tried other paints but without success. This is the third order we have given you and we trust you will supply us with as good paint as before.

SOUTHERN MILLS CORPORATION,  
By Otto Latich.

**Southern Textile Exposition.**

F. M. Burnett, secretary of the Greenville Chamber of Commerce, has been appointed general manager of the Southern Textile Exposition which will be held in Greenville May 5-10. Mr. Burnett will continue his duties as commercial secretary, but will be assisted in the management of the exposition by a capable staff of officers and a large clerical force. John A. McPherson, chief engineer for J. E. Sirrine, mill architect, is managing director and Harry G. Armstrong is resident manager of the Textile hall.

The managers have the unqualified support of the officers and board of directors of the Southern Textile Exposition, the Greenville Textile club, the Rotary club, the Southern Textile Association and the Greenville Chamber of Commerce. With this backing, the promoters are satisfied that the success of the exposition is assured. Loyal assistance is being rendered by textile manufacturers and cotton manufacturers, many of whom have invested liberally in the capital stock of the corporation which built the Textile Hall, the home of the exposition, at a cost of approximately \$250,000.

The Southern Textile Exposition is an event of national importance. Cotton manufacturers from all centers of the country will gather here at this exposition to inspect the complete and comprehensive display of machines, supplies, fabrics

and textile specialties that will be exhibited. Hundreds of textile manufacturers and representatives have already made reservations in Greenville hotels. Cotton mill superintendents, buyers, overseers and other textile experts, who are members of the Southern Textile Association, will come in full force to attend the annual convention that will be held May 8-9 in connection with the exposition. An instructive and entertaining program will be offered during the week.

The Southern Social Welfare Conference will be attended by hundreds who are interested in the welfare work that is being done in Southern mill communities. Prominent speakers will address the conference. An invitation has been extended John D. Rockefeller, Jr., to deliver an address on this occasion, and every effort is being made to induce him to visit Greenville that week. Mr. Rockefeller, multi-millionaire son of the Standard Oil king, is one of the leading welfare workers of the country and the invitation committee is hopeful that he will consider Greenville's invitation. Mr. Rockefeller has evinced personal interest in welfare work as it is being conducted by Southern cotton mills.

The exposition will be crowded with events, of instructive as well as entertaining nature, and preparations are being made to accommodate thousands of visitors from all sections of the country.

## Why pay more when you can pay less?

That is what you are doing when  
you clean filler bobbins by hand.

The Utsman Quill Cleaning Machine  
is built for service and  
mighty rapid service at that.

Let us send you our catalogue  
with full description.

**Terrell Machine Co., Inc.**  
Charlotte N. C.



The Mark of  
Sterling Value  
in Electrical  
Work.



Huntington &  
Guerry  
GREENVILLE  
South Carolina

**CLEAN WITH FELTON'S**  
FELTON'S BRUSHES ARE NOTED FOR LONG WEAR



D. D. FELTON BRUSH CO.

S. A. FELTON & SON CO.,  
Manchester, N. H.

ATLANTA, GA.

1872

1919

Chemicals, Dyestuffs,  
Colors, Gums, Oils

for the

**TEXTILE INDUSTRY**

HEADQUARTERS FOR

Acid, Basic, Direct, Chrome and  
Sulphur Colors; "Ciba" and  
"Cibanone" fast vat dyes

**A. KLIPSTEIN & COMPANY**

644-652 Greenwich Street

New York City

#### Cotton Chats.

Cotton Chats, for the Draper Corporation says:

"The 336,807 Northrop looms listed in our January Cotton Chats subdivide as follows: 179,296 Northrop looms in Southern states; 152,548 Northrop looms in New England, Middle and Western states, and 4,969 Northrop looms in Canada.

The proportion of Northrop looms compared with common looms is still very much larger in the Southern states than in the North.

The 88,077 Northrop looms in South Carolina are about 26 1-2 per cent of the Northrop looms in the United States.

The Northrop looms of our January Cotton Chats are divided among the several states as follows:

#### New England States.

Connecticut .....	8,590
Maine .....	20,348
Massachusetts .....	59,919
New Hampshire .....	23,386
Rhode Island .....	22,556
Vermont .....	1,440

Total ..... 136,239

#### Middle and Western States.

California .....	253
Arkansas .....	133
Indiana .....	957
Missouri .....	742
New Jersey .....	2,671
New York .....	9,747
Ohio .....	4
Oklahoma .....	64
Pennsylvania .....	1,738

Total ..... 16,309

New England and Middle and Western states, 152,548.

#### Southern States.

Alabama .....	12,316
Georgia .....	33,973
Louisiana .....	1,364
Maryland .....	133
Mississippi .....	659
North Carolina .....	30,311
South Carolina .....	88,077
Tennessee .....	4,071
Texas .....	452
Virginia .....	7,934

Total ..... 179,290

Canada, 4,969.

Of the Northrop loom shipments during the strenuous war conditions a very large share about four-fifths, replaced old common looms.

Another increased advantage of the Northrop loom with a materially shortened number of working hours per week is its capacity to be operated during the noon hour and a corresponding time night or morning without any weavers at all.

Looms under such conditions violate no labor laws, but do increase the amount of cloth 15 to 25 per cent per loom compared with what

can be done by common looms on the same goods running mill hours only.

The shorter the working day the greater the proportional advantage of the Northrop loom in this respect.

You can neither afford to operate common looms in competition with Northrop looms, nor to experiment with makeshifts. When you buy a thing cheap, rest assured you buy a cheap thing.

#### To Protect American Textile Mills Against the German Dye Trust.

New York, April 5.—Plans for the organization of dye consumers in the United States to "protect American textile mills from the unscrupulous methods of the German dye trust," were announced here today by Joseph H. Choate, Jr., who said that a corporation, to be known as the Chemical Foundation, which already more than 150 firms in New York, New England, Pennsylvania and West Virginia have indicated their purpose to join, is now in process of formation.

The project, which is said to be similar to one now in force in Great Britain, France and other allied countries, contemplates the licensing of certain dye "reasonably obtainable in the United States." The wishes of the American dye consumers, Mr. Choate said, were conveyed to President Wilson in a cable message on March 28, which read in part:

"On independent, self-sustaining American dye-manufacturing industry is a national necessity. It cannot be established unless competition from German factories, including those in occupied territory, be cut off for a period of years.

"No tariff will furnish protection against the enormous resources and unscrupulous methods of the German trust fighting to regain its foreign market and only a licensing plan will save the industry. We respectfully urge that immediate steps be taken to procure both in the peace treaty and legislation, the measure necessary to establish such a plan."

#### LOMBARD

Foundry, Machine, Boiler  
Works and Mill Supply  
House

AUGUSTA " GEORGIA

Capacity, 300 Hands

Hundred Thousand Feet Floor Space  
Cotton, Oil, Gin, Saw, Grist, Fertilizer, Cane, Shingle Mill, Machinery Supplies and Repairs and Castings, Shafting, Pulleys, Hangers, Wood, Coal and Sawdust Grate Bars, Pumps, Pipe, Valves and Fittings, Injectors, Belting, Packing Hose, etc. Cast every day. One hundred machines and good men ready to do your work quick.

**NATIONAL GUM & MICA CO.**

910-11 COMMERCIAL BANK BLDG.

MIKAH TALLOW

SWISS GUM

COMBINATION B



CHARLOTTE, N. C.

W. M. FAILOR, Manager

Factory and Works:

59th St. and 11 Avenue, New York City



**Hester's Weekly Cotton Statement.**

(Comparisons are to actual dates not to close of corresponding weeks.) In thousand bales.

In sight for week.....	107
In sight same 7 days last year.....	147
In sight same 7 days year before.....	114
In sight for the month.....	68
In sight same date year before.....	36
In sight for season.....	9,254
In sight same date last year.....	10,617
In sight same date year before.....	11,511
Port receipts for season.....	4,584
Same date last year.....	5,479
Same date year before last.....	6,354
Overland to mills and Canada for season.....	952
Overland same date last year.....	1,239
Same date year before.....	1,222
Southern mill takings for season.....	3,063
Same date last year.....	3,176
Same date year before.....	3,347
Interior stocks in excess of September 1.....	655
Interior last year.....	723
Interior year before.....	588
Foreign exports for week.....	148
Foreign same 7 days last year.....	34
Same 7 days year before.....	103
Foreign for season.....	3,616
Same date last year.....	3,311

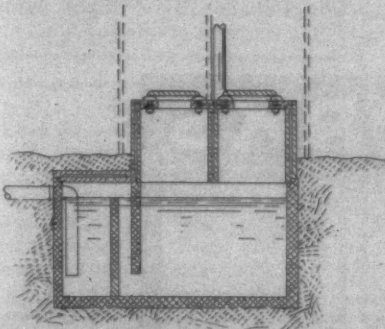
Same date year before.....	4,426
Northern spinners' takings and Canada for week.....	20
Same 7 days last year.....	96
Northern for season.....	1,509
Same date last year.....	2,145
Statement of Spinners' Takings of American Cotton Throughout the World:—	
This week.....	126
Same 7 days last year.....	172
Same 7 days year before.....	159
Total since Sept. 1.....	7,596
Same date last year.....	8,862
Same date year before.....	10,310
Statement of World's Visible Supply:—	
Total visible this week.....	5,197
Total visible last week.....	5,248

**The Real Thing.**

"Who's dead?" asked the stranger, viewing the elaborate procession.  
 "The man what's inside the coffin," answered a small boy.  
 "But who is it?" the stranger pursued.  
 "It's the mayor," was the reply.  
 "So the mayor is dead, is he?" mused the stranger.  
 "Why, of course he is," said the small boy witheringly. "D'you think he's having a rehearsal?"

**Charles James Metz**

Certified Public Accountant of Georgia  
 President  
 AUDIT COMPANY OF THE SOUTH  
 Atlanta, Georgia  
 Federal Tax Advisers  
 Member American Institute of Accountants



**THE SEWERAGE PROBLEM [Solved!]**

for Mill Villages, Small Towns, Rural Homes and School Districts. This IMPROVED design is the most perfect adaptation of the principle originated by the United States Public Health Service, and known as the L. R. S. System.  
 Cast in cylindrical form, with a partition that divides it into two compartments of scientific proportions, thus providing the two tank principle, but all in one piece.  
 It answers every need, overcomes every objection and fulfills every wish.

Provides a clean, sanitary method of disposing of all raw sewage without odor, solves the dangerous fly and mosquito problem, and forever prevents your water supply from becoming contaminated. Without obligation on your part, we will be pleased to give you a demonstration. Drop us a line.

Standard Cement Construction Co., Wilmington, N. C.

**CAROLINA SIZING & CHEMICAL COMPANY**

CHARLOTTE, N. C.

Manufacturers of O. K. PRODUCTS

**ROPOSIZE**--makes yarn strong

GEORGE WITHERSPOON

**Chemicals and Oils**

For Sizing  
Finishing  
and Dyeing

**The New Brunswick Chemical Co.**

NEW BRUNSWICK, N. J.

GUARANTEED QUALITY—DEMONSTRATIONS MADE

**THE TRIPOD PAINT COMPANY**

Manufacturers

Atlanta, Ga.

**MILL WHITES, PAINTS, STAINS, ETC.**

Write for prices and free samples

**BOSSON & LANE**

Manufacturing Chemists

Specialties for the Textile Trade

Works and Office

ATLANTIC, MASS.

**Anti-Ballooning and**

**Furtardo Thread Guides**

These thread guides prevent excessive ballooning and decrease breakage of ends on spinning frame. They decrease the work of spinners and enable each spinner to run more sides.

**J. P. O'CONNELL**

Crompton,

Rhode Island

**Ashworth Brothers, Inc.**

**Tempered and Side Ground Card Clothing**

**Tops Reclothed**

**Lickerins Rewound**

**Cotton Mill Machinery Repaired**

12 to 18 West Fourth St., Charlotte, N. C.

240 River Street, Greenville, S. C.

127 Central Avenue, Atlanta, Ga.



## SIZINGS, OILS, FINISHINGS, SOFTENINGS, FILLING AND WEIGHTING of YARNS, FABRICS and RAW STOCK. Also HOSIERY FINISHING and BLEACHINGS



SOUTHERN AGENT: CAMERON MacRAE, Concord, N. C.

Sizing, Tallow, Soluble Grease, Soluble Oils, Gums, Glues, Gum Arabol, Lancashire Size, Waxes, Finishing Pastes, Soaps, Glycerine, Ready-made Heavy Size, Sago and Tapioca Flours, Dextrines, China Clay, Soluble Blue, Bone, Grease, Magnesium.

SPECIAL COMPOUNDS FOR WARPS, WHERE STOP MOTIONS ARE USED.

WEIGHTING COMPOUNDS FOR COLORED AND WHITE WARPS. FINISHING COMPOUNDS FOR ALL CLASSES OF FABRICS.

The Arabol best grades of cotton warp sizing compounds make the "finest weaving and will hold the fly."

These compounds are based on the best practical experience and the best materials used in their manufacture.

### THE ARABOL MANUFACTURING COMPANY

Offices: 100 William Street, New York.

R. P. GIBSON, South Carolina Agent, Greenville, S. C.



Factories: Brooklyn, N. Y.

GUY L. MELCHOR, Ga., Ala. and Tenn. Agent, Atlanta, Ga.

#### Annual Banquet at Pacific Mills.

The fourth annual banquet of the Pacific Mills Company, Columbia, S. C., was held in the auditorium of the Mills Y. M. C. A. Monday night. Covers for nearly 300 guests were laid. A number of the guests were from Boston and New York, these officials in various capacities of the Pacific Mills Company.

Edwin Farnham Greene, treasurer of the Pacific Mills Company and president of Lockwood, Greene & Company of Boston, was the speaker of the evening. Mr. Greene has recently returned from England and France, where he spent several months, studying the industrial and textile situation in Europe. Concluding his speech, he said:

"I am not here to make an argument in support of a league of nations—at the same time I am convinced that the United States is to stand firmly with Great Britain and France. We have come out of this war the richest and strongest of the nations and nearly three years these

nations fought our battles for us. They need our help, we could not, having suffered in no degree comparable with them, abandon them now. We have our problems and our duties to ourselves, our Monroe doctrine, for instance, and, of course, we must defend and protect our own homes and our country first, but we could not, without wronging ourselves, cut away from these nations that have befriended us. Therefore, I can not see how we can afford not to have a league of nations in order that the results of the war may be made permanent."

Mr. Greene said that in Northern France many mill villages which were thriving industrial centers before the war had been wholly obliterated by the Germans. The mills could not possibly begin operation again within three years. Machinery had been transported to Germany and the walls razed to the ground. One of these plants which had cost \$7,000,000 to build had been wiped out.

W. P. Hamrick, general superintendent of the Pacific Mills and president of the Hampton group of the company in Columbia, presided.

Company representatives from Boston and New York and Columbia guests were: E. F. Greene, treasurer of the Pacific Mills Company, Boston; S. Harold Greene, president of the International Cotton Mills, Boston; E. A. Greene, assistant treasurer, Lawton Company, Plainfield, Conn.; Albert Scott, treasurer Lockwood, Greene & Company, Boston; John Rousmaniere of the Spencer-Turner Company, Boston, and Henry S. Howe, Lawrence & Company, New York City; Mayor Blalock, William Elliott, E. W. Robertson, George L. Baker, M. C. Heath, W. W. Ball, R. Charlton Wright, Dr. Julius Taylor, Dr. DuBose and Dr. Weston of Columbia.

#### Announcement.

We have received the following: "We beg to announce that on April 1, 1919, we formed a partner-

ship under the name of Mills & Manning, with offices at 120 West Washington street, Greenville, S. C. We will deal in stocks, bonds, real estate, fire insurance and loans.

"H. T. Mills,  
"V. M. Manning."

#### Clover Cotton Manufacturing Company.

##### Clover, S. C.

T. J. McNeeley .... Superintendent  
N. H. Hogan and J. R. Parrish ..... Carder  
Sam Matthews and Will Barrett ... Spinner  
H. B. Maxwell .... Master Mechanic

#### Howell Manufacturing Company.

##### Cherryville, N. C.

John C. Ballard .... Superintendent  
D. L. Self ..... Carder  
T. A. Ballard ..... Spinner  
Lester Dellinger .. Master Mechanic  
B. B. Blanton ..... Night Supt.  
John Ballard ..... Night Spinner

## WHITIN MACHINE WORKS

ESTABLISHED 1831

### TEXTILE MACHINERY

#### Manufacturers of the Following Machines:

##### COTTON MACHINERY

Opening	Drawing Frames
Conveying	Roving Frames
Distributing	Spinning Frames
Picking	Spoolers
Revolving Flat Cards	Twisters
Sliver Lap Machines	Reels
Ribbon Lap Machines	Quillers
Combing Machines	Looms

##### COTTON WASTE MACHINERY

##### COTTON AND WOOLEN SYSTEMS

Openers	Revolving Flat Cards
Pickers	Derby Doublers
Willows	Roving Frames
Card Feeds	Spoolers
Full Roller Cards	Twisters
Condensers	Spinning Frames
Special Spinning Frames	

##### WOOLEN MACHINERY

Card Reeds	Condensers
Full Roller Cards	Wool Spinning Frames

##### WORSTED MACHINERY

Cone Roving Frames

MAIN OFFICE AND WORKS

## WHITINSVILLE, MASS., U.S.A.

SOUTHERN OFFICE CHARLOTTE N.C.



## Want Department

### Want Advertisements.

If you are needing men for any position or have second hand machinery, etc., to sell the want columns of the Southern Textile Bulletin affords the best medium for advertising the fact.

Advertisements placed with us reach all the mills and show results.

### Looms For Sale

226 Mason single shuttle under-cam looms, 39 inch reed space, 37 1-2 inch cloth roll.

HANSAHOE MFG. COMPANY  
Valley Falls, R. I.

## PATENTS

### Trade Marks and Copyrights

Difficult and rejected cases specially solicited. No misleading inducements made to secure business. Over thirty years active practice. Experienced, personal, conscientious service.

Write for terms. Address

**SIGGERS & SIGGERS**  
Patent Lawyers  
Suite 34 N. U. Washington, D. C.

## Free Service Department

Any mill in need of superintendent, overseer, second hand, loom fixer, card grinder or any class of men other than operatives may insert a notice in this column for two weeks, free of charge. If the name of the mill is not given and the answers come care Southern Textile Bulletin, the cost of stamps used in forwarding replies must be paid by the advertiser.

### Wanted.

Good card grinder for thirty-six cards at 20 cents per hour with 50 per cent bonus. Good North Carolina town. Address Cotton, care Southern Textile Bulletin.

### Wanted.

Chief engineer for mill using steam power. This is a good place to live, good town, free house rent, lights and water in house. Will pay \$4.50 per day. Write giving experience and reference. Address Engineer, care Southern Textile Bulletin.

### Wanted.

Two card grinders. Steady work, good wages. Write immediately, stating age and experience. Louisville Cotton Mills Co., Louisville, Ky.

### Wanted.

Overseer for Card Room of 12,000 spindles. Mill modern, in good condition, plenty of help. If under 35 years of age and have first class references. Apply to "X. Y. Z.", care Southern Textile Bulletin.

### Wanted.

First class second hand or section man for spinning in a small yarn mill. Would prefer a good section man who wants to build himself up in the mill business. We are willing to pay the highest price for the right man. Give reference in first letter. Address First Class, care Southern Textile Bulletin.

## Emmons Loom Harness Company

The Largest Manufacturers of Loom Harness and Reeds in America

### Loom Harness and Reeds

Slasher and Striking Combs, Warper and Leice Reeds,  
Beamer and Dresser Hecks, Mending Eyes, Jacquard  
Heddles

LAWRENCE, MASS.

## TRY "FIBRELAY" SIZING COMPOUND

and eliminate your sizing troubles.  
Especially recommended where  
warp stop motions are used.

**HAWLEY'S LABORATORIES, Inc**  
CHARLOTTE, N. C.

HAWLEY'S LABORATORIES  
*Fibrelay*  
CHARLOTTE, N. C.  
TRADE MARK

## OUR SPINNING RINGS---SINGLE OR DOUBLE FLANGE

Start Easiest, Run Smoothest, Wear Longest!

## PAWTUCKET SPINNING RING CO.

CENTRAL FALLS, R. I.

## Firth Vacuum Specialties

### FOR TEXTILE MILLS

Floor Sweeping, Card Stripping and Cleaning, General Machinery Cleaning

### BY VACUUM

WRITE FOR INFORMATION AND PRICES

**WILLIAM FIRTH**

200 Devonshire Street

BOSTON, MASS.

## Less Waste---Cleaner Yarns

### Atherton Adjustable Pin Grids

most manufacturers are adopting, knowing that they will pay for themselves in a short time in the saving of good stock, at high price of COTTON today.

## Atherton Pin Grid Bar Company

Greenville, S. C.

Providence, R. I.

## United Chemical Products Corporation



Importers, Exporters and  
Manufacturers

York and Colgate Streets, Jersey City, N. J.

### ANILINE COLORS

Acid, Direct, Basic, Chrome and Sulphur

### SUMAC EXTRACT

Logwood, Hematine, Gambier, Fustic, etc.

### CHEMICALS

Softeners, Sizes and Finishes. Soluble Oils, Textile Soaps and Gums  
INQUIRIES SOLICITED

Southern Representative:

R. T. GRANT, 198 West Peachtree St., Atlanta, Ga.

## SLASHING COSTS SLASHED!

By Using

"AMALOL" and "LIBERTY GUM"  
IN YOUR SIZE

These two "Amalie" brand Textile Products boast of numerous users amongst Souths Leading Cotton Mills.

YOU CAN BE SURE THAT

- 1—The tensile strength of the fibre will be increased 15 to 20 per cent.
- 2—Shedding and Mildew will be wholly eliminated.
- 3—Better and more uniform whites will be obtained.

Let us ship you a barrel of each on APPROVAL

**L. SONNEBORN SONS, Inc.**  
262 Pearl Street, NEW YORK, U. S. A.

BRANCHES IN IMPORTANT CITIES

Manufacturers of the famous "Amalie" Lubricating Oils and Greases



## Cotton Goods

New York.—A further expansion in buying power was noticeable in the cotton goods markets last week. Sales were made at lowest levels and very small margins of profit. Plain and fancy domets were reduced 4 cents a yard by the largest producer and this was followed by reductions in other lines, and more new business was put through for future delivery. Some of the Eastern mills reduced tickings seven cents a yard and that did much to stimulate buying.

In the print cloth division of the market, where prices have been fully revised, more steadiness was seen and a fairly good amount of new business was done. Wide sheetings have been reduced to a basis of 60 cents for 10-4 standards and purchasing was more active during the week. Export trade in some markets is beginning to broaden somewhat, Central and Far Eastern markets sowing some increase in business.

There will be a meeting of the finishers and converters during the present week and it is thought that they will arrive at some method of stabilizing finishing costs and jobbers are doing a moderate amount of business for small lot deliveries and reports from retailers throughout the country show that the higher-priced goods are moving nicely and more profitably than they did for mills and jobbers.

Some of the leading selling agencies have made further revisions because of the necessity of the jobbers having some guarantees against decline in prices for a definite period. Some printers are now extending protection to October 1st instead of September 1st and more of the commission houses are following the plan of guaranteeing prices.

While the print cloth markets were steadier, a great deal of business was done at prices that are said to be ruinous prices. Bleached goods were sold on very close margins by traders who are pushing for business. Standard line of wide sheetings moved better during the week than for some time past.

Handlers of dress goods are still finding it hard to increase their

sales if any attempts are made to get prices moved back to profitable levels. Some buyers of dress goods say that they cannot get the finer goods for spot delivery. Early shipment can be had on staple lines.

Prices were quoted as follows:

Pr't cloths, 28-in., 64x64s..	7 1/4
Pr't cloths, 28-in., 64x60s..	7
Pr't cloths, 27-in., 64x60s..	6 1/2
Gray g'ds, 38 1/2-in., 64x64s.10	a10 1/4
Gray g'ds, 39-in., 68x72s...	11
Gray g'ds, 39-in., 80x80s...	15
Brown sheetings, 3-yd. ...	15 1/2
B'n sheet'gs, 4-yd., 56x60s..12	a12 1/4
Brown sheet'gs, So. stand..16 1/2	a17
Tickings, 8-ounce .....	27
Denims, 2.20 (Ind.) .....	25
Stand. staple gingham....	17 1/2
Standard prints .....	12 1/2
Dress gingham.....20	a22
Kid finished cambries.....11 1/2	a12 1/2

### Why.

Little Richard was entertaining his sister's hesitating admirer and, after making the usual juvenile remarks on marbles and tops, he suddenly announced:

"Ethel told ma yesterday you was aborn politician."

The young man was delighted and, wishing to know more, asked:

"That so? Why does she think that?"

"That's just what ma wanted to know, and Ethel said it's because you can call so often and do so much talking without committin' yourself."

### Changed Her Plans.

Johnny was crying in the hall as his mother came along, hatted and coated. "You are going away; and so is papa!" Johnny sobbed.

"Why, child, I shall be away two or three days, but father is not going away!"

"Yes, he is!" cried Johnny. "He's going to Rome."

"Rome? What do you mean, dear?" asked his surprised mother.

"He said today to Mr. Brown that he would make Rome howl when you left!"

"Indeed! Well, dear, I shan't leave you now."

## T. HOLT HAYWOOD DEPARTMENT

FRED'K VIETOR & ACHELIS

COMMISSION MERCHANTS

65-67 Leonard Street,

New York

## COTTON FABRICS

OF ALL DESCRIPTIONS

For Manufacturers, Jobbers, Converters, Exporters

## Electric Wiring and Construction

TEXTILE WORK A SPECIALTY

Let us estimate on your new village or extension to mill or village

F. E. ROBINSON

Electrical Contractor

22 West 5th Street

CHARLOTTE, N. C.

## FOUNDRY SPECIALTIES

Soft Clean Gray Iron Castings

Cast Iron Mill Splittones

Motor Pulley Castings

Cast Tooth Gears for Kitson Pickers

Safety Guards for Kitson Pickers

Loggerhead Castings for Pickers

Doff Box Wheels and Stands

COCKER MACHINE & FOUNDRY COMPANY

Machinery Department, Gastonia, N. C.

## "That's a dandy-looking Roving Can, old man"

"Yes", answered the superintendent, "and yet those very cans have been on the job at least fifteen years. They don't look it, do they?"

### LAMINAR ROVING CANS AND MILL RECEPTACLES

wear so long and so well because they are made of VUL-COT Fibre—a hard, tough, horn-like material that will not dent, crack or splinter.

Full particulars will be sent you upon request.

American Vulcanized Fibre Co.

Sole Proprietors and Manufacturers



New England Dept., 2 Pearl St. Boston, Mass.

C. C. BELL, Vice-Pres

Resident Mgr.

Head Office and Factories

WILMINGTON, DEL.



# FOR SIZING SLASHOL

WHAT ELSE---When it is the only sizing agent that is absolutely neutral, and needs the assistance of no other compound, oil or tallow. Will not allow the size to chafe or shedd, and will increase the tensile strength of the yarn.

1832

1919

Wm. C. Robinson  
& Son Co.

Baltimore, Md.

CHARLOTTE  
GREENVILLE, S. C.  
NEWTON, N. C.  
ATLANTA  
BIRMINGHAM  
NEW ORLEANS



# The Yarn Market

Philadelphia, Pa.—There were a few sales of 50,000 pounds and more in the yarn market last week, but as a rule sales were of small lots for prompt shipment. The demand for carded yarns confined to small lots. There has been no improvement in the knitting business in New York and Pennsylvania and most of the mills have plenty of yarn on hand, some of them having a surplus. They are not getting orders and are therefore using little yarn.

Some of the dealers reported a better inquiry for two-ply combed yarns and advanced their prices. These inquiries, however, did not result in large sales. The demand for single combed yarn fell off some what. The buying of these yarns within the past few weeks has advanced prices somewhat.

Spinners advanced the prices of carded weaving yarns during March, the volume of sales being sufficient to keep spinners from having to sell yarns at a sacrifice. The demand last week was limited to a few numbers and sales were not large.

Southern Two-Ply Chain Warps.			
6s-12s.	40	41	26s.....51
12s-14s.	41	42	30s.....55
16s.....44			40s.....65
20s.....46			50s.....85
24s.....50			60s.....1.05
Southern Two-Ply Skeins			
4s-8s.....40			36s.....65
10s-12s.....41			40s.....70
14s.....43			50s.....90
16s.....44			60s.....1.00
20s.....45			3-ply 2s
24s.....49			uphly 36-38
26s.....51			4-ply 8s
30s.....54			uphly 38-40
Southern Single Chain Warps.			
6s-12s.....40			24s.....50
14s.....42			26s.....51
16s.....43			30s.....56
20s.....47			40s.....75
Southern Single Skeins.			
5s-8s.....40½			20s.....46
10s.....41			22s.....47
12s.....41			24s.....50
14s.....42			26s.....52
16s.....44			30s.....58
Southern Frame Cones.			
8s.....40			20s.....41
10s.....40½			22s.....41½
12s.....41			24s.....44½
14s.....41			26s.....46
16s.....41			30s.....46
18s.....41½			
Combed Peeler Cones			
10s.....66			26s.....75
12s.....67			28s.....77
14s.....68			30s.....84
16s.....69			32s.....86
18s.....70			34s.....89
20s.....71			36s.....89
22s.....72			40s.....94
24s.....75			

Daddy was confined to the house with Spanish influenza, and mother was busy sterilizing the dishes which had come from the sick room.

"Why do you do that?" asked four-year-old Donald.

"Because, dear, poor daddy has germs, and the germs get on the dishes, so then I boil them, and that kills the horrid germs."

Donald turned this over in his little mind for several minutes. Then:

"Mother, why don't you boil daddy?"

"You must be a woman hater."

"Why?"

"You've never married."

"Why should a man who has never married be a woman hater?"

**A. M. Law & Co.**  
SPARTANBURG, S. C.

**BROKERS**

Dealers in Mill Stocks and other  
Southern Securities.

SOUTHERN COTTON MILL STOCKS.

	Bid.	Asked
Abbeville Cotton Mills.....	130	135
Alice Mills.....	225	—
American Spinning Co.....	185	—
Anderson Cotton Mills, com.....	70	75
Anderson Cotton Mills, pfd.....	95	—
Aragon Mills.....	130	—
Arcade Mills.....	111	—
Arcadia Mills.....	150	—
Arkwright Mills.....	185	—
Augusta Factory, Ga.....	—	50
Avondale Mills, Ala.....	220	250
Beaumont Mfg. Co.....	250	—
Belton Cotton Mills.....	—	155
Brandon Mills.....	120	125
Brogan Mills.....	140	145
Calhoun Mills, common.....	112	115
Calhoun Mills, preferred.....	100	—
Chesnee Mills.....	130	133
Chiquola Mills, com.....	140	145
Chiquola Mills, pfd.....	85	87½
Clifton Mfg. Co.....	140	145
Clinton Cotton Mills.....	125	—
Courtenay Mfg. Co.....	150	160
Columbus Mfg. Co., Ga.....	135	—
D. E. Converse Co.....	117	—
Dallas Mfg. Co., Ala.....	116	—
Darlington Mfg. Co.....	75	80
Dacotah Mills, N. C.....	200	—
Drayton Mills.....	47	55
Duncan Mills, com.....	65	67
Duncan Mills, pfd.....	84	87
Eagle & Phenix Mills, Ga.....	120	—
Easley Cotton Mills.....	285	300
Enoree Mills.....	100	—
Enterprise Mfg. Co., Ga.....	70	75
Exposition Cotton Mills, Ga.....	175	250
Gaffney Mfg. Co.....	—	101
Gainesville C. Mills, Ga, com.....	—	95
Glenwood Mills.....	145	—
Glenn-Lowry Mfg. Co.....	—	65
Glenn-Lowry Mfg. Co., pfd.....	70	80
Gluck Mills.....	95	100
Graniteville Mfg. Co.....	105	110
Greenwood Cotton Mills.....	175	200
Grendel Mills.....	—	100
Grendel Mills, preferred.....	88	100
Hamrick Mills.....	155	—
Hartsville Cotton Mills.....	250	275
Henrietta Mills, N. C.....	185	—
Inman Mills.....	135	—
Inman Mills, pfd.....	100	—
Jackson Mills.....	180	200
Judson Mills.....	125	—
King, John P. Mfg. Co., Ga.....	115	—
Lancaster Cotton Mills.....	150	—
Laurens Cotton Mills.....	135	—
Limestone Cotton Mills.....	175	—
Loray Mills, N. C., com.....	65	75
Loray Mills, N. C., 1st pfd.....	95	100
Marion Mfg. Co., N. C.....	135	—
Marlboro Mills.....	—	125
Mills Mfg. Co.....	—	142
Molokoh Mfg. Co.....	112	—
Monarch Mills.....	—	215
Newberry Cotton Mills.....	150	200
Ninety-Six Mills.....	125	—
Norris Cotton Mills.....	100	—
Oconee Mills, common.....	—	100
Oconee Mills, pfd.....	115	120
Orr Cotton Mills.....	—	165
Pacolet Mfg. Co.....	100	—
Pacolet Mfg. Co., pfd.....	—	95
Panola Mills.....	155	165
Pelzer Mfg. Co.....	200	220
Pickens Cotton Mills.....	195	200
Piedmont Mfg. Co.....	150	—
Poe, F. W. Mfg. Co.....	—	100
Poinsett Mill.....	12	13
Riverside Mills, com. Par \$12.50.....	—	—
Riverside Mills, pfd.....	150	—
Saxon Mills.....	60	62
Sibley Mfg. Co., Ga.....	175	185
Spartan Mills.....	15	20
Toxaway Mills, com. (par \$25).....	117	120
Toxaway Mills, pfd.....	310	—
Tucapau Mills.....	6	—
Union-Buffalo Mills, com.....	110	112½
Union-Buffalo Mills, 1st pfd.....	25	28
Union-Buffalo Mills, 2d pfd.....	82	85
Victor-Monaghan Co., com.....	96	98
Victor-Monaghan Mills, 1st pfd.....	95	98
Victor-Monaghan Co., pfd.....	83	85
Victor-Monaghan Co., com.....	150	160
Ware Shoals Mfg. Co.....	100	—
Warren Mfg. Co.....	95	100
Warren Mfg. Co., pfd.....	—	17
Watts Mills, com.....	—	85
Watts Mills, 1st pfd.....	30	40
Watts Mills, 2nd pfd.....	135	—
Whitney Mfg. Co.....	135	145
Williamston Mills.....	—	127
Woodruff Cotton Mills.....	106	110
Woodside Cotton Mills, com.....	89	92
Woodside Cotton Mills, pfd.....	98	—
Woodside Cotton Mills, 2d pfd.....	200	—
W. S. Gray Cotton Mills.....	—	—

D. H. Mauney, Pres. Phil S. Steel, Vice Pres. Jno. J. George, 2d Vice Pres.  
J. S. P. Carpenter, Treasurer D. A. Rudisill, Secretary

## Mauney-Steel Company COTTON YARNS

DIRECT FROM SPINNER TO CONSUMER  
237 Chestnut Street Philadelphia, Pa.  
Eastern Office, 336 Grosvenor Bldg., Providence, R. I.  
Southern Office: Cherryville, N. C.

MILLS DESIRING DIRECT REPRESENTATION AND HAVE THEIR  
PRODUCT SOLD UNDER THEIR OWN MILL NAME WILL  
PLEASE COMMUNICATE.

## STOCKS

## Hill, Clark & Company

D. H. HILL, Jr., Manager

COTTON MILL STOCKS A SPECIALTY

41 S. Church St., Charlotte, N. C.

## BONDS

## DIXON LUBRICATING SADDLE CO.

BRISTOL, RHODE ISLAND



Use Dixon Patent Stirrup Adjusting  
Saddles, the latest invention in Saddle  
for Top Rolls of Spinning Ma-  
chines. Manufacturers of all kinds of  
Saddles, Stirrups and Levers.

WRITE FOR SAMPLE

"The heresy of today is the orthodoxy of tomorrow."

## DYE YOUR YARNS IN THE WOUND FORM

on machines that pay for themselves in no time. Send us your job dye-  
ing. Our prices are low, deliveries are prompt, and service the best.  
Franklin machines are used all over the world.

As job dyers we color over a million pounds of cotton and of worsted  
a year. Let us serve you. Our representative will be glad of an opportu-  
nity to see you and fully explain all details.

FRANKLIN PROCESS CO., PROVIDENCE, R. I.

## John P. Marston

Gum Tragasol

Kerston Softener

Bleaching Assistant

Bleacher's Blue

247 Atlantic Avenue

BOSTON

## BRICK

BUILD NOW, The Price Cannot Be Cheaper

We have the most efficient brick plant in the South,  
with every fuel and labor saving device known to modern  
brick making. Get the advantage of this efficiency in  
quality and price by buying from us.

Prompt shipment common building brick, any quan-  
tity, all hard, beautiful red.

YADKIN BRICK YARDS

New London, N. C.



## EMPLOYMENT BUREAU

The fee for joining our employment bureau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month.

If the applicant is a subscriber to the Southern Textile Bulletin and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership we send the applicant notices of all vacancies in the position which he desires.

We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern textile industry.

**WANT position as overseer of weaving.** Now employed, but wish a larger and with present employers and can furnish references from them as to my ability. Address No. 2369.

**WANT position as overseer of spinning** in large or medium size mill. Have been successfully running spinning rooms for many years and understand production and quality. Can come on short notice. Excellent references. Address No. 2370.

**WANT position as overseer of cloth room.** Have had 12 years experience on plain white and fancy goods. Am now employed as overseer but would like to change for larger job and more salary. Capable, efficient man. References from past employers will convince any mill needing a cloth room overseer that I can give satisfaction. Address No. 2372.

**WANT position as manager or superintendent of weaving mill.** Have had long experience on upholstery goods, bedspreads, huck towels and terry cloth. Married, 30 years old and can furnish satisfactory references. Address No. 2374.

**WANT position as superintendent.** Am now employed as such and am giving satisfaction, but have good reason for wishing to change. Have had many years experience and can guarantee to run your mill efficiently. Address No. 2374.

**WANT position as superintendent.** Was formerly superintendent of good mill, but left to enter army service. Recently discharged from the army and wish to locate with good Southern mill. Can come on short notice and furnish references as to ability and character. Address No. 2375.

**WANT position as superintendent of North Carolina spinning or weaving mill.** Am able in every respect to give entire satisfaction. Am now employed, but would like to change for larger job. Address No. 2376.

**WANT position as overseer of carding.** Married, 33 years old. Am a carder with long practical experience and can deliver the goods. Can give best of references from present employers. Address No. 2379.

**WANT position as overseer of cloth room in large mill.** Have been employed for several years and overseer of cloth room and finishing department. Thoroughly understand the work of the shipping department. Understand finishing gingham, napped goods, duck drills, and heavy sheetings. Good references. Address No. 2380.

**WANT position as overseer of spinning.** Long experience as overseer of spinning in large mills. Understand efficient manufacturing and am excellent manager of help. Now employed. Address No. 2381.

**WANT position as superintendent or overseer of carding and spinning in a large mill.** Now employed as carder and spinner but would like to get a place as superintendent. Good references as to character and ability. Address No. 2382.

**WANT position as overseer of carding.** Now employed as carder in large mill and have made good on the job, but wish to locate in some other section. Have had many years experience as overseer and have always given satisfaction. Best of references. Address No. 2383.

**WANT position as overseer of carding.** Now employed as such in good mill and can furnish best of references from present and past employers. Am competent, reliable man of good habits and character. Address No. 2384.

**WANT position as overseer of spinning,** or would take second hand in a large mill. Have been with my present employers as spinner for 3 years and given satisfaction in every way. Am capable of handling good sized job. Can come well recommended from present employers. Address No. 2385.

**WANT position as engineer or machinist.** Long experience in cotton mill machine shops and engineering works and thoroughly understand the business. Have good job at present but would like a larger place. Address No. 2386.

**WANT position as overseer of cloth room.** Have had experience in some of the best mills in the South on drills, prints, sheetings, etc., and am fully competent to run any cloth room in the South. Good references. Address No. 2387.

**WANT position as overseer of weaving.** Experienced on plain, Draper and box magazine looms. Age 34, married. Can furnish excellent references. Address No. 2388.

**WANT position as overseer of carding.** Have been running the carding in a well known Southern mill, but want a larger job in Georgia, Alabama, Mississippi or Tennessee. Best references. Address No. 2389.

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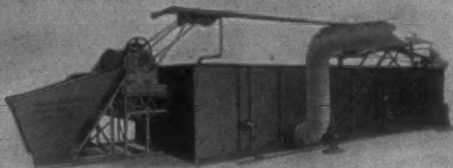


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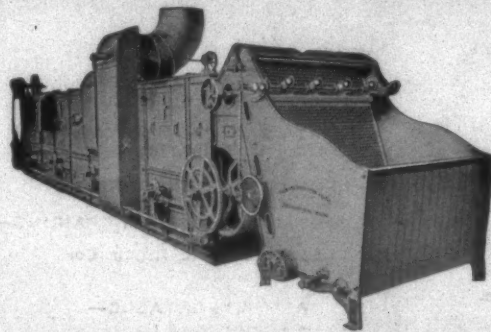
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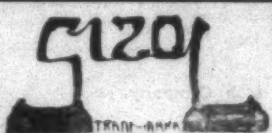


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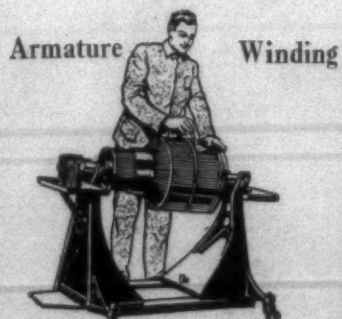
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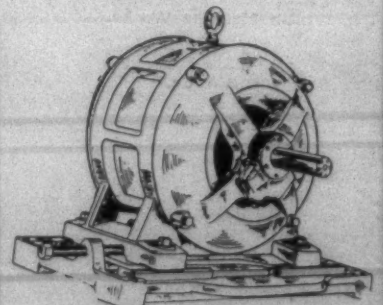


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